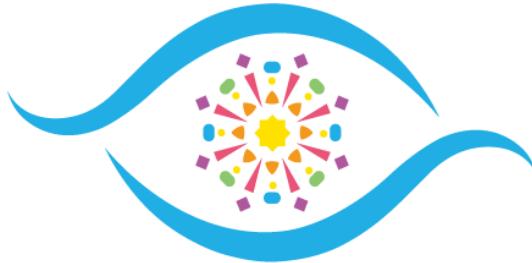




2021 Product Portfolio

Presenter: Jackie Wu / Date: 2021

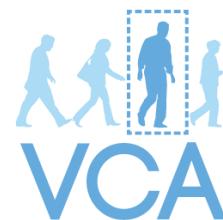




See More in Smarter Ways



Cybersecurity



VIVOTEK VCA



Wide Coverage Solutions



LPR Solution

Comprehensive Product Portfolio

Advanced Technologies

- Cybersecurity Management Solution
- VIVOTEK VCA:
 - Stereo People Counting
 - Smart Motion Detection
 - Smart VCA
 - Smart Tracking
- Advanced Technologies:
 - Bandwidth Optimization – Smart Stream III
 - Superior Low-Light Performance – Smart IR II, SNV II



Highlighted Product Lines

- 360° Fisheye Network Cameras
- 180° Panoramic Network Cameras
- Multi-Sensor Network Cameras
- Thermal Bullet Network Cameras
- Speed Dome Network Cameras
- Mobile Dome Network Camera
- Superior Network Cameras
- Mini-Size Network Cameras
- Standard Network Cameras

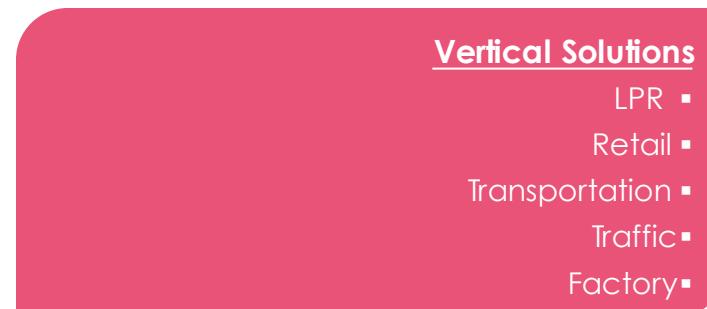


Complete Product Lines

- NVR ▪
- CMS Station ▪
- Video Server ▪
- Video Receiver ▪
- PoE Solution ▪
- Accessory ▪
- Software ▪
- Cloud Service ▪

Application Solutions

- Wide Temperature ▪
- Long-Range ▪
- AIoTSurveillance ▪
- Facial Recognition ▪



Vertical Solutions

- LPR ▪
- Retail ▪
- Transportation ▪
- Traffic ▪
- Factory ▪



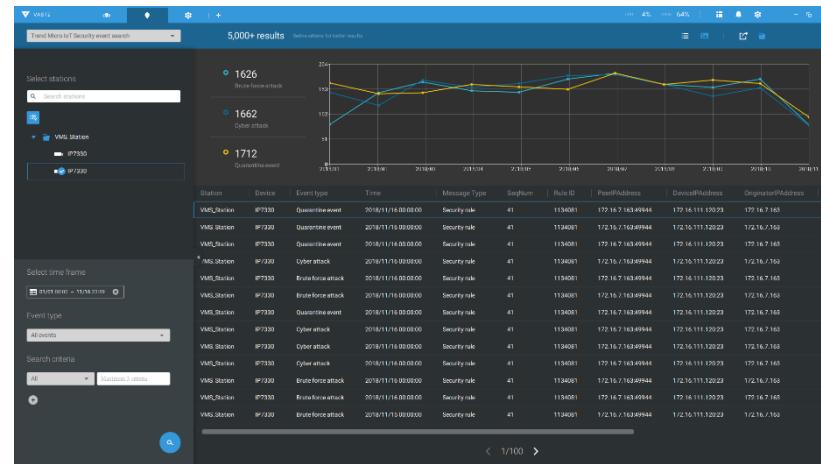
Cybersecurity

Protected Intelligent Surveillance

As IoT devices such as IP surveillance cameras continue to come online in large numbers, they have become major targets to hacking and data leaks. Now your business can remain impervious to cyber-threats with VIVOTEK's front- to back-end Cybersecurity Management Solution.



All-inclusive Cybersecurity Care



Front End



Trend Micro

Multi-Layer Protection with
Trend Micro IoT Security

Back End



Cybersecurity Alarm
Management with Instant
Alerts



Event Reports with Cyber
Risk Dashboard



Trend Micro

Multi-Layer Protection (TMIS)

Cyber Attack Detection • Defense • Control • Prevention

Category	1-year Free Trial	2-year Free Trial	3-year Free Trial
Box Cameras			IP9167-HP, IP9167-HT
Bullet Cameras			IB9367-EH, IB9367-EHT, IB9367-H, IB9367-HT
Fixed Dome Cameras	FD816CA-HF2		CD8371-HNTV, CD8371-HNVF2, FD9167-H, FD9167-HT, FD9367-EHTV, FD9367-HTV, FD9367-HTV(EPoC), FD9367-HV
Multi-Sensor Cameras			MA9321-EHTV
Mobile Dome Cameras			MD8563-DEH, MD8563-EH, MD8564-EH, MD8565-N
Video Server	VS8100-v2		
Network Video Recorders		ND9321, ND9322P, ND9424P, ND9441, ND9441P, ND9541, ND9541P (Support FW version: v2.6.0.3 and later)	



Cybersecurity Management Solution

End-to-End Cybersecurity Care from Protection to Management

Category	1-year Free Trial	3-year Free Trial
Box Cameras		IP9164-HT, IP9164-LPC, IP9165-HP, IP9165-HT, IP9165-LPC, IP9165-LPC Kit, IP9165-LPC Kit (i-CS), IP9172-LPC(Freeway), IP9191-HP, IP9191-HT
Bullet Cameras	IB9360-H, IB9368-HT, IB9380-H, IB9388-HT	IB9365-EHT, IB9365-EHT-A, IB9365-HT, IB9365-HT-A, IB9387-EH, IB9387-EHT, IB9387-EHT-A, IB9387-H, IB9387-HT, IB9387-HT-A, IB9389-EH, IB9389-EHM, IB9389-EHT, IB9389-H, IB9389-HM, IB9389-HT, IB9391-EHT, IB9365-LPR, IB9387-LPR
Thermal Bullet Cameras		TB9330-E, TB9331-E
Fixed Dome Cameras	FD9166-HN, FD9360-H, FD9366-HV, FD9368-HTV, FD9380-H, FD9388-HTV, IT9360-H, IT9380-H, IT9388-HT	FD9165-HT, FD9165-HT-A, FD9187-H, FD9187-HT, FD9187-HT-A, FD9189-H, FD9365-EHTV, FD9365-EHTV-A, FD9365-HTV, FD9365-HTV-A, FD9365-HTVL, FD9387-EHTV, FD9387-EHTV-A, FD9387-EHV, FD9387-HTV, FD9387-HTV-A, FD9387-HV, FD9389-EHVM, FD9389-EHTV, FD9389-EHV, FD9389-HMV, FD9389-HTV, FD9389-HV, FD9391-EHTV, IT9389-H, IT9389-HT
180°/360° Cameras	CC9381-HV	FE9191, FE9380-HV, FE9391-EV, MS9390-HV, MS9321-EHV, FE9382-EHV-v2
Multi-Sensor Cameras		MA9322-EHTV
Mobile Dome Cameras		MD9560-DH, MD9560-H, MD9561-H, MD9581-H
Speed Dome Cameras		SD9161-H, SD9362-EHL, SD9362-EH-v2, SD9364-EHL-v2, SD9364-EH-v2, SD9366-EHL, SD9366-EH-v2, SD9374-EHL
Network Video Recorders (2-year Free Trial)	ND9322P, ND9322P-v2, ND9424P, ND9424P-v2, ND9441, ND9441P, ND9541, ND9541P (Support FW version: v3.0 and later)	*Models in Red: license cannot be renewed via online shop.

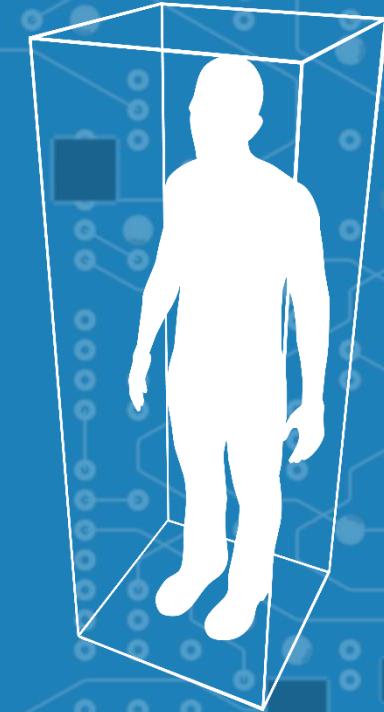
VIVOTEK Official Online Shop

Renew Cybersecurity License to
Protect your Devices 24/7



VIVOTEK VCA

Algorithm Evolution
Human Filter Adopt
Deep Learning
Technology
Surveillance Solution
Machine data
Video Data Base
Data mining
Human Network
Identify
Recognize
Motion Detection



Business Intelligence

Stereo People Counting

- Up to 98% Accuracy with 3D Depth Technology
 - Serverless Computing
- Graphical Reports Integration with VAST 2 VMS and VIVOCLOUD Retail
 - Easy Installation and Configuration



Business Intelligence – People Counting

Stereo People Counting



S **SC8131**
Series

- Smart-edge Camera
- 3D Depth Technology
- High Accuracy
- Configurable Counting Rule
- Install Height: 240-360cm



S **SC8132**
Series

- Smart-edge Camera
- 3D Depth Technology
- High Accuracy
- Configurable Counting Rule
- Install Height: 190-240cm
- IK10/EN50155



S **SC8133**
Series

- Smart-edge Camera
- 3D Depth Technology
- High Accuracy
- Configurable Counting Rule
- Install Height: 190-240cm
- Built-in White LEDs
- IK10/EN50155

VMS



VAST 2

- People Counting Report

NVR



ND9322P-v2
ND9424P-v2

- 8/16CH, 2x HDD
- H.265/H.264/MJPEG
- PoE x8/16
- VIVOCloud Supported
- Meta-data Display

Cloud Service



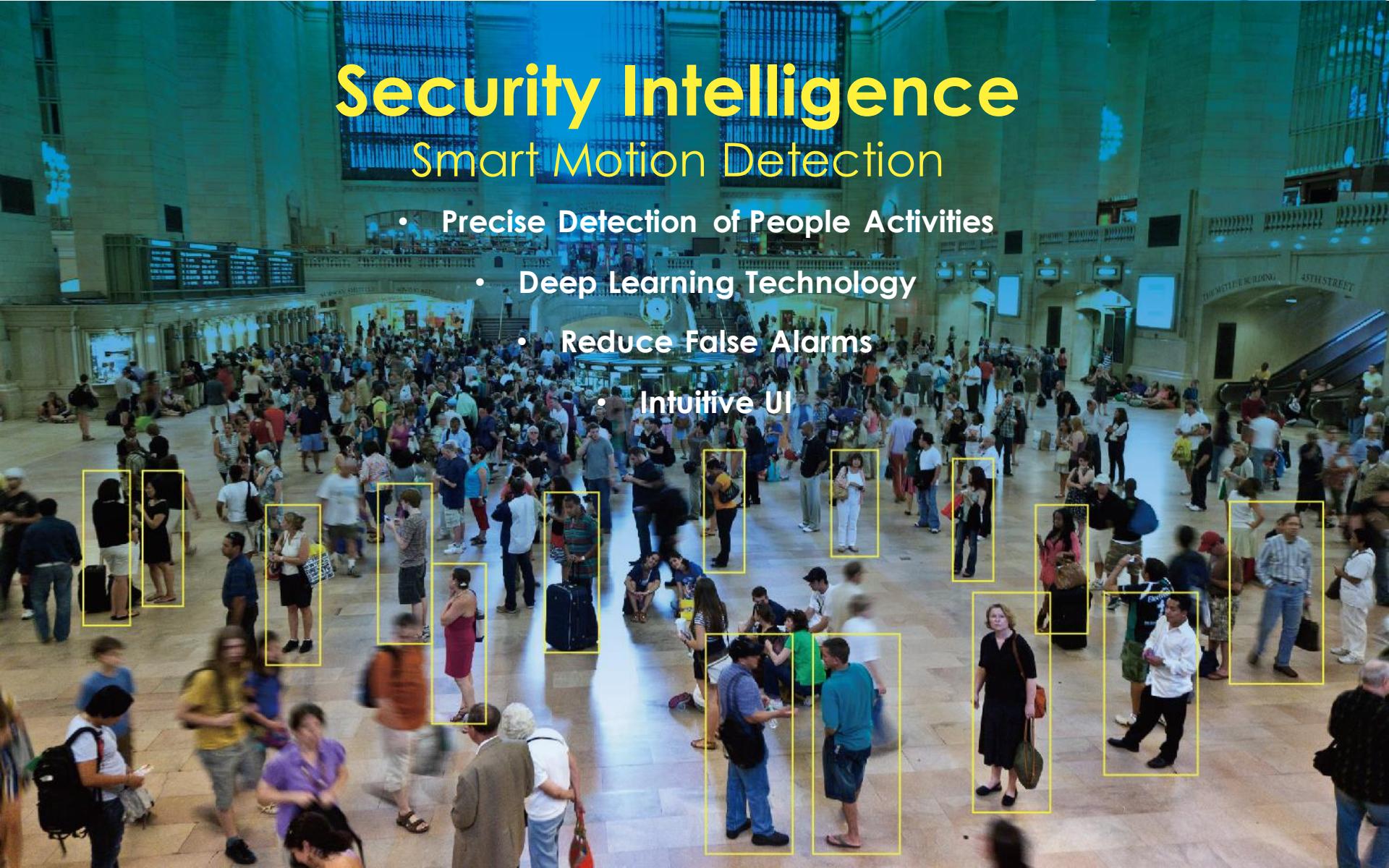
VIVOCloud Retail

- People Counting Report

Security Intelligence

Smart Motion Detection

- Precise Detection of People Activities
 - Deep Learning Technology
 - Reduce False Alarms
- Intuitive UI



Smart Motion Detection

2MP



S **IB9365-HT/EHT-A**

- 2MP, 4~9/12~40 mm, P-iris
- SNV, WDR Pro
- 50M/100M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C (-EHT)
- IP66/IP67/IK10



S **FD9365-HTV/EHTV-A**

- 2MP, 4~9 mm, P-iris
- SNV, WDR Pro
- 50M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C (-EHTV)
- IP66/IP67/IK10

5MP



IB9389-HT/EHT

- 5MP, 3.7~7.7 mm
- SNV, WDR Pro
- 30M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C (-EHT)
- IP66/IK10



FD9389-HTV/EHTV

- 5MP, 3.7~7.7 mm, P-iris
- SNV, WDR Pro
- 30M IR, Smart IR
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C (-EHTV)
- IP66/IK10

4K



S **IB9391-EHT**

- 8MP 30 fps/ 2MP 120 fps
- SNV, WDR Pro
- 50M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C
- IP66/IP67/IK10/NEMA 4X



S **FD9391-EHTV**

- 8MP 30 fps/ 2MP 120 fps
- SNV, WDR Pro
- 50M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C
- IP66/IP67/IK10/NEMA 4X

4K 180°



MS9390-HV

- 8MP, Lens x2, 20° Lens Tilt
- 20M IR
- WDR Pro, SNV
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- IP66/IK10



S **MS9321-EHV**

- 20MP, Lens x4
- 30M IR
- WDR Pro, SNV
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -40°C ~ 60°C

[See support models information](#)

Security Intelligence

Smart VCA

- Precise Video Analytic Functionalities On-the-edge
 - Deep Learning Technology
 - Reduce False Alarms
 - Intuitive UI



Intrusion Detection



Loitering Detection



Missing Object
Detection



Unattended Object
Detection



Line Crossing
Detection



Face Detection



Crowd Detection



Running Detection

Smart VCA

2MP



S **IB9365-HT/EHT-A**

- 2MP, 4~9/12~40 mm, P-iris
- SNV, WDR Pro
- 50M/100M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C (-EHT)
- IP66/IP67/IK10



FD9365-HTV/EHTV-A

- 2MP, 4~9 mm, P-iris
- SNV, WDR Pro
- 50M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C (-EHTV)
- IP66/IP67/IK10

5MP



IB9387-HT/EHT*



FD9387-HTV/EHTV*

4K



S **IB9391-EHT**

- 8MP 30 fps/ 2MP 120 fps
- SNV, WDR Pro
- 50M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C
- IP66/IP67/IK10/NEMA 4X



S **FD9391-EHTV**

- 8MP 30 fps/ 2MP 120 fps
- SNV, WDR Pro
- 50M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C
- IP66/IP67/IK10/NEMA 4X

4K 180°



MS9390-HV*



S **MS9321-EHV**

- 8MP, Lens x2, 20° Lens Tilt
- 20M IR
- WDR Pro, SNV
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- IP66/IK10

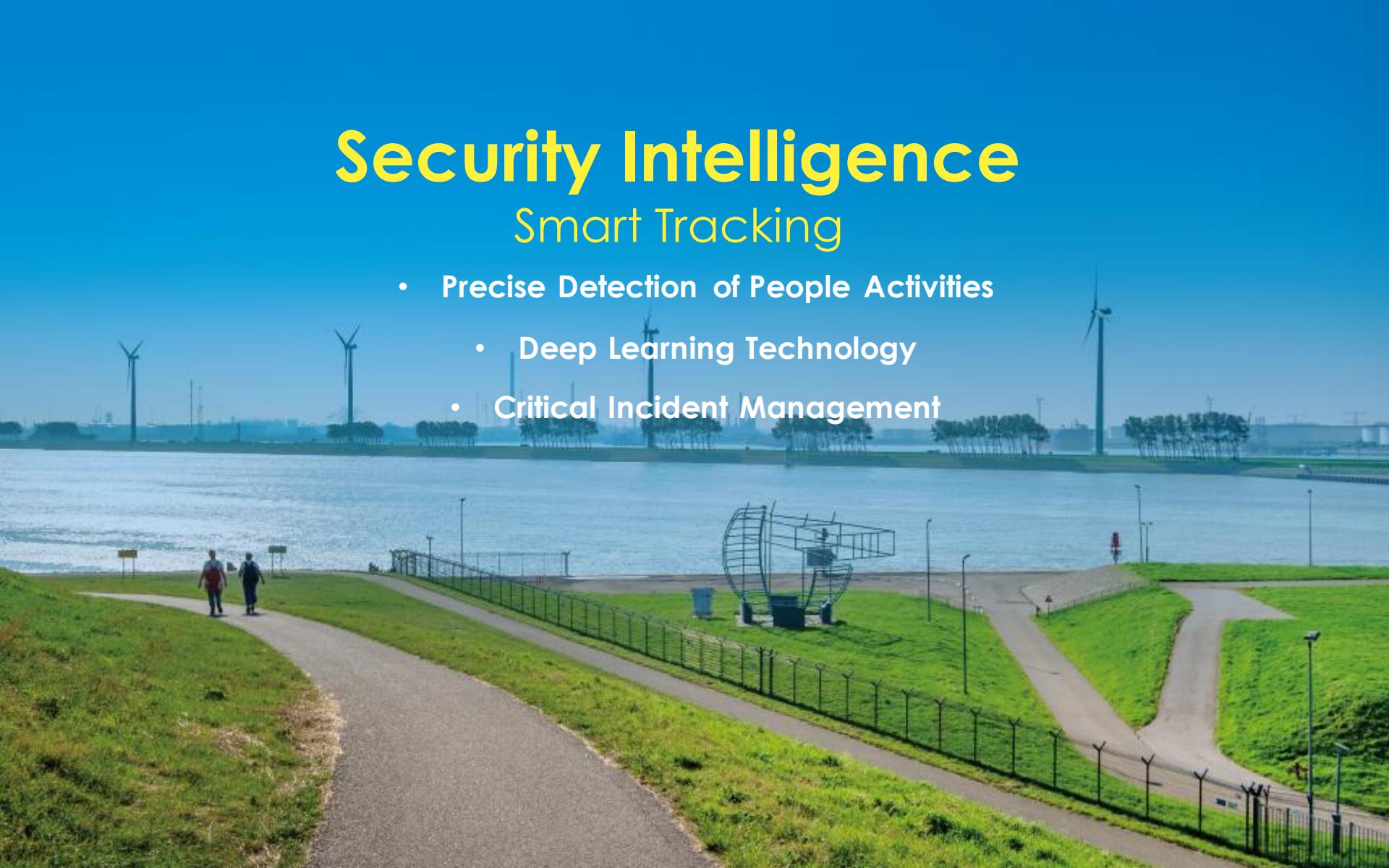
- 20MP, Lens x4
- 30M IR
- WDR Pro, SNV
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -40°C ~ 60°C

* Requires additional license.

Security Intelligence

Smart Tracking

- Precise Detection of People Activities
 - Deep Learning Technology
 - Critical Incident Management



Smart Tracking

Speed Dome



S SD9374-EHL
series

- 4MP, 36x, 250M IR
- H.265/H.264/MJPEG
- WDR Pro
- Smart IR II
- IP66/IK10/NEMA 4X

H.265 + Smart Stream III

Optimize Bandwidth & Storage Usage

- H.265 Compression
- Smart Stream III
(Smart Stream II + Smart Q + Smart FPS)

H.264
10555 bps

H.265
+
Smart Stream III
522 bps
VS.
Bandwidth

H.265 + Smart Stream III

20MP



S MA9321-EHTV

- 20MP Resolution, Lens x4
- 30 fps @ 2560x1920
- SNV
- WDR Pro
- IP66, IK10



S MA9322-EHTV

- 20MP Resolution, Lens x4
- 30 fps @ (2688x1920) x4
- SNV
- WDR Pro
- 30M IR
- IP66, IK10

20MP 180°



S MS9321-EHV

- 20MP Resolution, Lens x4
- Electronic image stitching
- 30 fps @ 7680x2560
- 30M IR
- SNV, WDR Pro
- IP66, IK10

12MP 360°



S FE9191/9391-EV

- 360° Panomorph View
- 12MP CMOS Sensor
- 30 fps @ 2816x2816
- 360° 20M IR, Smart IR II (9391-EV)
- WDR Pro
- Smart VCA
- Trend Micro IoT Security
- IP66/IK10/EN50155 (9391-EV)

4K



S IP9191-HP

- 8MP, 3.9~10 mm, P-iris
- 30 fps @ 3840x2160 (WDR on)
- 120 fps @ 1920x1080 (WDR off)
- Trend Micro IoT Security
- Remote Back Focus
- WDR Pro, SNV



S IB9391-EHT

- 8MP 30 fps/ 2MP 120 fps
- SNV, WDR Pro
- 50M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C
- IP66/IP67/IK10/NEMA 4X



S FD9391-EHTV

- 8MP 30 fps/ 2MP 120 fps
- SNV, WDR Pro
- 50M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C
- IP66/IP67/IK10/NEMA 4X

4K 180°



MS9390-HV

- 8MP, 2.8 mm
- 20M IR
- WDR Pro, SNV
- 20° Lens Tilt
- IP66/IK10

H.265 + Smart Stream III

5MP


IT9389-HT

- 5MP, 3.7~7.7 mm, Fixed-iris
- 30 fps @ 2560x1920 (WDR Pro on)
- Trend Micro IoT Security
- WDR Pro, SNV
- IP66/IK08


IB9388-HT

- 5MP, 2.8~12 mm, Fixed-iris
- 20 fps @ 2560x1920 (WDR Pro on)
- WDR Pro, SNV
- 30M IR, Smart IR
- Trend Micro IoT Security
- IP66, IK10(Housing)


FD9387-HTV/EHTV

- 5MP, 2.7~13.5 mm, P-iris
- SNV, WDR Pro
- 50M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C (-EHTV)
- IP66/IP67/IK10


SD9374-EHL

- 4MP 30fps, 36x
- SNV, WDR Pro
- 250MIR, Smart IR II
- Smart Tracking
- Trend Micro IoT Security
- -40°C ~ 55°C
- IP66, IK10, NEMA 4X

2MP


IB9367-EHT-v2

- 2MP, 2.7~13.5 mm, P-iris
- SNV, WDR Pro
- 50M IR, Smart IR II
- -40°C ~ 60°C (-EHT)
- Trend Micro IoT Security
- IP66/IP67/IK10/NEMA4X


FD9368-HTV

- 2MP, 2.8~12 mm, Fixed-iris
- 30 fps @ 1920x1080 (WDR Pro on)
- SNV, WDR Pro
- 30M IR, Smart IR
- Trend Micro IoT Security
- IP66/IK10


**S series
IB9365-HT/EHT-A**

- 2MP, 4~9/12~40 mm, P-iris
- SNV , WDR Pro
- 50M/100M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C (-EHT)
- IP66/IP67/IK10


**S series
FD9365-HTV/EHTV-A**

- 2MP, 4~9 mm, P-iris
- SNV , WDR Pro
- 50M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C (-EHTV)
- IP66/IP67/IK10

H.265 + Smart Stream II

Reduce Bandwidth & Storage Usage by Up to 80%

- H.265 Compression
- Smart Stream II
(ROI + Dynamic Intra-Frame Period)



H.265 + Smart Stream II

Indoor PTZ



S **SD9161-H**

- 2MP, 10x
- 1/3" Progressive CMOS
- WDR Pro

Outdoor PTZ



S **SD9362-EHL**

- 2MP 60fps, 30x
- 1/3" Progressive CMOS
- WDR Pro
- IP68/IK10/NEMA 4X
- -40°C ~ 55°C



S **SD9362-EH-v2**

- 2MP 60fps, 30x
- 1/2.8" Progressive CMOS
- WDR Pro
- IP68/IK10/NEMA 4X
- -40°C ~ 55°C

Outdoor PTZ - IR



S **SD9364-EHL-v2**

- 2MP 60fps, 30x
- 1/3" Progressive CMOS
- 150M IR, Smart IR II
- WDR Pro
- IP66/IK10/NEMA 4X
- -50°C ~ 55°C



S **SD9364-EH-v2**

- 2MP 60fps, 30x
- 1/2.8" Progressive CMOS
- 250M IR, Smart IR II
- WDR Pro
- IP66/IK10/NEMA 4X
- -50°C ~ 55°C



S **SD9366-EHL**

- 2MP 60fps, 30x
- 1/3" Progressive CMOS
- 150M IR, Smart IR II
- WDR Pro
- IP66/IK10/NEMA 4X
- -50°C ~ 55°C
- Wiper



S **SD9366-EH-v2**

- 2MP 60fps, 30x
- 1/2.8" Progressive CMOS
- 250M IR, Smart IR II
- WDR Pro
- IP66/IK10/NEMA 4X
- -50°C ~ 55°C
- Wiper

H.265 + Smart Stream II/III Line-up

Product Category	Models
Box Cameras	2MP: IP9165-HT, IP9165-HP, IP9165-LPC, IP9167-HT, IP9167-HP 3MP: IP9171-HP 5MP: IP9181-H 8MP: IP9191-HT, IP9191-HP
Bullet Cameras	2MP: IB9360-H, IB9365-EHT, IB9365-EHT-A, IB9365-HT, IB9365-HT-A, IB9367-EHT, IB9367-H, IB9367-HT, IB9368-HT, IB9361-EH 5MP: IB9380-H, IB9381-EHT, IB9381-HT, IB9387-EH, IB9387-EHT, IB9387-EHT-A, IB9387-H, IB9387-HT, IB9387-HT-A, IB9387-LPR, IB9388-HT, IB9389-EH, IB9389-EHM, IB9389-EHT, IB9389-H, IB9389-HM, IB9389-HT 8MP: IB9391-EHT
Fixed Dome Cameras	2MP: FD9165-HT, FD9165-HT-A, FD9166-HN, FD9167-H, FD9167-HT, FD9360-H, FD9365-EHTV, FD9365-EHTV-A, FD9365-HTV, FD9365-HTV-A, FD9365-HTVL, FD9366-HV, FD9367-EHTV, FD9367-HTV, FD9367-HTV (EPoC), FD9367-HV, FD9368-HTV, IT9360-H 5MP: FD9187-H, FD9187-HT, FD9187-HT-A, FD9189-H, FD9189-HM, FD9189-HT, FD9380-H, FD9387-EHTV, FD9387-EHTV-A, FD9387-EHV, FD9387-HTV, FD9387-HTV-A, FD9387-HV, FD9388-HTV, FD9389-EHV, FD9389-HV, FD9389-HMV, FD9389-EHMV, FD9389-HTV, FD9389-EHTV, IT9380-H, IT9388-HT, IT9389-H, IT9389-HT 8MP: FD9391-EHTV
180° Cameras	5MP: CC9381-HV 8MP: MS9390-HV 20MP: MS9321-EHV
360° Cameras	5MP: FE9180-H, FE9181-H, FE9182-H, FE9380-HV, FE9381-HV, FE9382-EHV, FE9582-EHNV 6MP: FE9382-EHV-v2 12MP: FE9191, FE9391-EV
Multi-sensor Cameras	20MP: MA9321-EHTV, MA9322-EHTV
Mobile Dome Cameras	2MP: MD9560-H, MD9560-DH, MD9561-H 5MP: MD9581-H
Speed Dome Cameras	2MP: SD9161-H, SD9362-EHL, SD9362-EH-v2, SD9364-EHL-v2, SD9364-EH-v2, SD9366-EHL, SD9366-EH-v2 4MP: SD9374-EHL

*Models in Blue color: H.265 + Smart Stream II

*Models in Orange color: H.265 + Smart Stream III

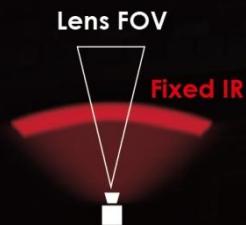
Smart IR II

Vari-Angle IR Technology

Brighter Night View,
More Consistent Illumination



- Effortless IR Angle Adjustment
- Wide Coverage of FOV
- No IR Hot-spot Issues
- Long-range IR Illumination



Smart IR II_Vari-Angle IR

Speed Dome



H.265
WDR



H.265
WDR



H.265
WDR

Zoom Bullet



H.265
WDR

S SD9364-EH-v2/EHL-v2

- 2MP, 30x, 250M IR (EH-v2)
- 2MP, 30x, 150M IR (EHL-v2)
- WDR Pro
- IP66/IK10/NEMA 4X

S SD9366-EHL/EH-v2

- 2MP, 30x, 250M IR (EH-v2)
- 2MP, 30x, 150M IR (EHL)
- WDR Pro
- IP66/IK10/NEMA 4X
- Wiper

S SD9374-EHL

- 4MP, 36x, 250M IR
- H.265/H.264/MJPEG
- WDR Pro
- Smart Tracking
- IP66/IK10/NEMA 4X

S IZ9361-EH

- 2MP, 20x, 150M IR
- H.265/H.264/MJPEG
- WDR Pro
- IP67/IK10/NEMA 4X

Bullet



H.265
SNV
WDR



H.265
SNV
WDR



H.265
SNV
WDR
NEW



H.265
SNV
WDR

S IB9391-EHT

- 8MP 30 fps/ 2MP 120 fps
- SNV, WDR Pro
- 50M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C
- IP66/IP67/IK10/NEMA 4X

IB9387-HT-A/EHT-A

- 5MP, 2.7~13.5 mm, P-iris
- SNV, WDR Pro
- 50M IR, Smart IR II
- -50°C ~ 60°C (-EHT)
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- IP66/IP67/IK10/NEMA4X

IB9367-EHT-v2

- 2MP, 2.7~13.5 mm, P-iris
- SNV, WDR Pro
- 50M IR, Smart IR II
- -40°C ~ 60°C (-EHT)
- Trend Micro IoT Security
- IP66/IK10/NEMA4X

S IB9365-HT-A/EHT-A

- 2MP 60fps, 4~9/12~40 mm, P-iris
- SNV, WDR Pro
- 50M/100MIR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C (-EHT-A)
- IP66/IP67/IK10

Smart IR II_Vari-Angle IR

Fixed Dome



S FD9391-EHTV

- 8MP 30 fps/ 2MP 120 fps
- SNV, WDR Pro
- 50M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C
- IP66/IP67/IK10/NEMA 4X



FD9387-(E)HTV-A

- 5MP, 2.7~13.5 mm, P-iris
- SNV, WDR Pro
- 50M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C (-EHTV/-EHTV-A)
- IP66/IP67/IK10



FD9187-HT-A

- 5MP, 2.7~13.5 mm, P-iris
- SNV, WDR Pro
- 50M IR, Smart IR II
- Built-in PIR
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security



S FD9365-HTV-A/EHTV-A

- 2MP, 4~9 mm, P-iris
- SNV, WDR Pro
- 50M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C (-EHTV-A)
- IP66/IP67/IK10



S FD9165-HT-A

- 2MP, 4~9 mm, P-iris
- SNV, WDR Pro
- 50M IR, Smart IR II
- Built-in PIR
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security



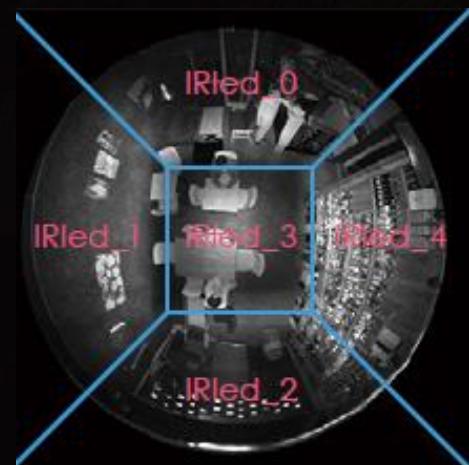
FD9167-HT-v2

- 2MP, 2.7~13.5mm, P-iris
- SNV, WDR Pro
- 50M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security

Smart IR II

Adaptive IR Technology

Consistent Overall Brightness,
Clarity of Comprehensive Details



- Individual IR Control for Regional Illumination
- Background Clarity
- Automatic IR Dimming
- Reduce Glaring Hotspots or Underexposed Dark Regions



Smart IR II_Adaptive IR

12MP 360°



IMMERVISION
H.265
WDR

 FE9391-EV

- 360° Panomorph View
- 360° 20M IR
- WDR Pro
- Smart VCA
- Trend Micro IoT Security
- IP66/IK10/EN50155

20MP 180°



H.265
SNV
WDR

 MS9321-EHV

- 20MP Resolution, Lens x4
- 180° Panoramic View
- 180° 30M IR
- WDR Pro, SNV
- Trend Micro IoT Security
- IP66/IK10

Supreme Night Visibility II

High-quality full-color surveillance video
under low-light conditions

iPhone X @ 0.3 Lux



Conventional IP Camera @ 0.3 Lux



IP Camera with SNV II @ 0.3 Lux



SNV II

2MP 65 Series



S **IP9165-HP**

- 2MP 60fps, 3.6~17 mm, P-iris
- H.265 + Smart Stream III
- WDR Pro II, SNV II
- Remote Back Focus



S **IP9165-HT**

- 2MP 60fps, 3.9~10 mm, i-CS
- H.265 + Smart Stream III
- WDR Pro II, SNV II
- Remote Focus



S **IP9165-LPC**

- 2MP 60fps, 12~40 mm, P-iris
- H.265 + Smart Stream III
- WDR Pro II, SNV II
- Remote Back Focus
- Headlight Filter Design
- License Plate Capture

Comprehensive Product Portfolio

Advanced Technologies

- Cybersecurity Management Solution
- VIVOTEK VCA:
 - Stereo People Counting
 - Smart Motion Detection
 - Smart VCA
 - Smart Tracking
- Advanced Technologies:
 - Bandwidth Optimization – Smart Stream III
 - Superior Low-Light Performance – Smart IR II, SNV II



Complete Product Lines

- NVR ▪
- CMS Station ▪
- Video Server ▪
- Video Receiver ▪
- PoE Solution ▪
- Accessory ▪
- Software ▪
- Cloud Service ▪

Highlighted Product Lines

- 360° Fisheye Network Cameras
- 180° Panoramic Network Cameras
- Multi-Sensor Network Cameras
- Thermal Bullet Network Cameras
- Speed Dome Network Cameras
- Mobile Dome Network Camera
- Superior Network Cameras
- Mini-Size Network Cameras
- Standard Network Cameras



Application Solutions

- Wide Temperature ▪
- Long-Range ▪
- AIoTSurveillance ▪
- Facial Recognition ▪

Vertical Solutions

- LPR ▪
- Retail ▪
- Transportation ▪
- Traffic ▪
- Factory ▪

360° Fisheye Cameras

One Covers All You Need

- 360° Surround View
- Various Dewarp Modes
- 360° High-Uniformity IR
- Complete Product Line

360° Fisheye

5MP



H.265
WDR

FE9180-H

- H.265 + Smart Stream III
- WDR Pro
- Built-in Mic
- Compact Size (\varnothing 94 mm)



FE8182

- H.264 + Smart Stream
- Smart Stream
- Recessed-Mount
- Ultra-mini Size (\varnothing 60 mm)



FE9380-HV

- H.265 + Smart Stream III
- WDR Pro
- 360° 10M IR
- Outdoor-ready
- Local Dewarping

H.265
WDR

S FE9181-H/9381-EHV



H.265
WDR

- H.265 + Smart Stream III
- WDR Pro
- EN50155, Outdoor-ready (81-EHV)

6MP



H.265
WDR

S FE9582-EHNV

- H.265 + Smart Stream III
- WDR Pro
- 360° 20M IR
- EN50155, Outdoor-ready (82-EHV)



S FE9382-EHV-v2

H.265
WDR
NEW

- H.265 + Smart Stream III
- WDR Pro
- 360° 20M IR
- IP66, IK10, NEMA 4X
- Smart VCA

12MP



S FE9191

IMMERVISION
enabled[®]
H.265
WDR

- 360° Panomorph View
- 12MP CMOS Sensor
- H.265 + Smart Stream III
- 30 fps @ 2816x2816
- WDR Pro
- Smart VCA
- Local Dewarping



IMMERVISION
enabled[®]
H.265
WDR

S FE9391-EV

- 360° Panomorph View
- 12MP CMOS Sensor
- H.265 + Smart Stream III
- 30 fps @ 2816x2816
- 360° 20M IR, Smart IR II
- WDR Pro
- Smart VCA
- EN50155, Outdoor-ready
- Local Dewarping



180° Panoramic Cameras

Wider Coverage, Better Details

- Optimal Continuous 180° Panoramic View (MS Series)
 - Supreme Video Alignment (MS Series)
 - High-Uniformity IR



180° Panoramic

2MP



CC8160(HS)

- H.264/MJPEG
- Eye-level View
- Height Indicator (cm/ft)

5MP



CC9381-HV

- H.265/H.264/MJPEG
- 180° 15M IR
- WDR Pro, SNV
- Built-in Mic
- Outdoor-ready



CC9380

- H.265/H.264/MJPEG
- WDR Pro, SNV
- Built-in Mic
- Outdoor-ready



Multi-Sensor



S MS9390-HV

- 8MP, Lens x2
- H.265 + Smart Stream III
- 20M IR
- WDR Pro, SNV
- Smart Motion Detection, Smart VCA
- Built-in Mic
- Outdoor-ready

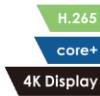


S MS9321-EHV

- 20MP, Lens x4
- H.265 + Smart Stream III
- 30M IR
- WDR Pro, SNV
- -40°C ~ 60°C
- Outdoor-ready

180° / 360° Fisheye Dewarp Devices

Desktop NVR



ND9322P-v2/9424P-v2

- 8/16CH, 8/16xPoE, 2x HDD
- H.265/H.264/MJPEG
- RAID 0, 1
- HDMI/VGA
- VIVOCloud Supported



ND9441P/9541P

- 16/32-CH, 16xPoE, 4x HDD
- H.265/H.264/MJPEG
- RAID 0, 1, 5
- Dual LAN
- HDMI/VGA
- VIVOCloud Supported

Rack-Mount NVR



SNR9581-v3/9681-v2

- 64/128-CH, 8x HDD
- H.265/H.264/MJPEG
- RAID 0, 1, 5, 6, 10
- Dual LAN
- HDMI/DP Local Display
- VAST2 Inside



NR9682-v2/9782-v2

- 64/128-CH, 16x HDD
- H.265/H.264/MJPEG
- RAID 0, 1, 5, 6, 10
- Dual LAN
- HDMI/DP/DVI Local Display
- VAST2 Inside

Mobile NVR



S NV9311P/9411P

- 8/16-CH, 1x HDD
- 8x PoE
- HDMI/VGA
- Built-in GPS, G-sensor
- WiFi & LTE (Optional)
- EN50155 / MIL-STD-810G

VMS



VAST 2

Intuitive VMS/CMS



VIVOCloud

Cloud-based Surveillance Service



iViewer

Mobile Viewer

Multi-Sensor Cameras

Flexible Surveillance for All Scenarios

- Multi-Directional Monitoring
- Adjustable Views with Independent Sensors
- Easy Installation and Management



Multi-Sensor Cameras

20MP



H.265
SNV
WDR

 MA9321-EHTV

- 20MP Resolution, Lens x4
- 30 fps @ 2560x1920
- SNV, WDR Pro
- IP66, IK10



H.265
SNV
WDR

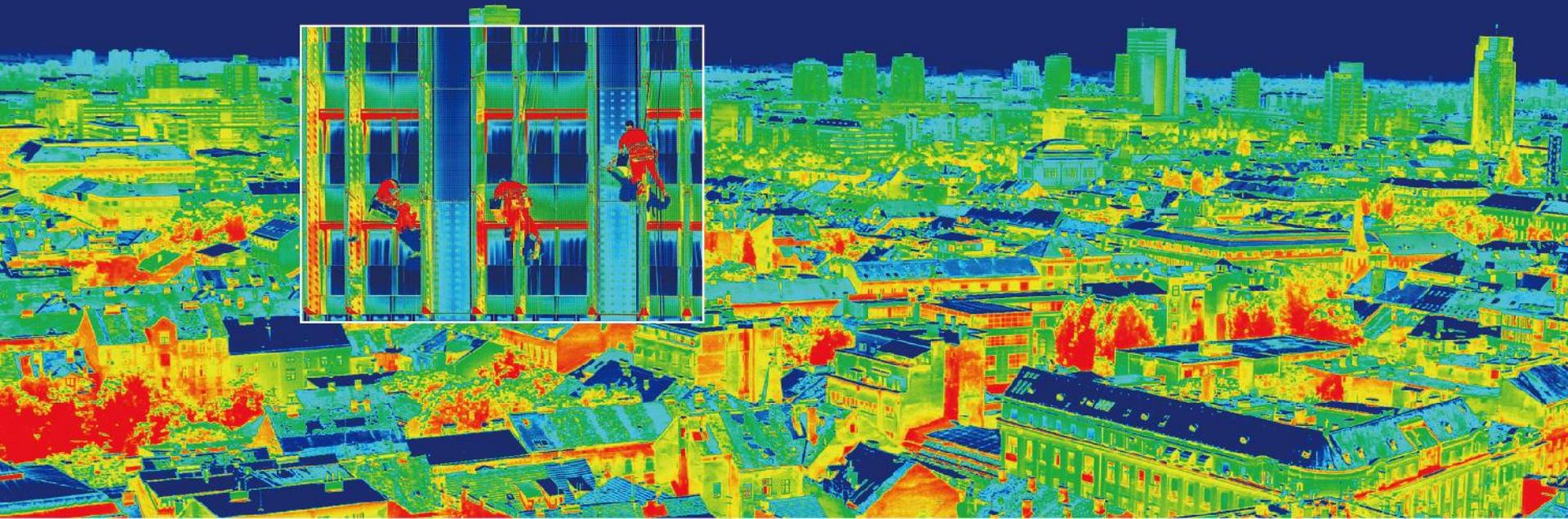
 MA9322-EHTV

- 20MP Resolution, Lens x4
- 30 fps @ (2688x1920) x4
- SNV, WDR Pro
- 30M 360° IR
- IP66, IK10

Thermal Bullet Cameras

Advanced Property Protection in Challenging Environments

- Object Detection in Poor Visibility
- Enhanced Perimeter Protection with VCA



Thermal Bullet Cameras



H.265



H.265

 **TB9330-E**

- Infrared Thermal Image
- 384x256 Resolution
- f = 8.8/19/35/50mm
- NETD < 50 mk @ F1.0
- Trend Micro IoT Security
- IP66/IP67/IK10/NEMA 4X

 **TB9331-E**

- Infrared Thermal Image
- 720x480 Resolution
- f = 8.8/19/35/50mm
- NETD < 50 mk @ F1.0
- Trend Micro IoT Security
- IP66/IP67/IK10/NEMA 4X

Speed Dome Network Cameras

Total Vision, All the Time

- **High-Performance Full HD Image**
- **Smart IR II (Vari-Angle IR Technology)**
- **Wide Variety Choices of Power Cabinets**



Speed Dome Network Cameras

Indoor



S **SD9161-H**

- 2MP, 10x
- 1/3" Progressive CMOS
- WDR Pro

Outdoor



S **SD9362-EHL**

- 2MP 60fps, 30x
- 1/3" Progressive CMOS
- WDR Pro
- IP68/IK10/NEMA 4X
- -40°C ~ 55°C



S **SD9362-EH-v2**

- 2MP 60fps, 30x
- 1/2.8" Progressive CMOS
- WDR Pro
- IP68/IK10/NEMA 4X
- -40°C ~ 55°C

Outdoor – IR, 2MP



S **SD9364-EHL-v2**

- 2MP 60fps, 30x
- 1/3" Progressive CMOS
- 150M IR, Smart IR II
- WDR Pro
- IP66/IK10/NEMA 4X
- -50°C ~ 55°C

Outdoor – IR, 4MP



S **SD9364-EH-v2**

- 2MP 60fps, 30x
- 1/2.8" Progressive CMOS
- 250M IR, Smart IR II
- WDR Pro
- IP66/IK10/NEMA 4X
- -50°C ~ 55°C



S **SD9366-EHL**

- 2MP 60fps, 30x
- 1/3" Progressive CMOS
- 150M IR, Smart IR II
- WDR Pro
- IP66/IK10/NEMA 4X
- -50°C ~ 55°C
- Wiper



S **SD9366-EH-v2**

- 2MP 60fps, 30x
- 1/2.8" Progressive CMOS
- 250M IR, Smart IR II
- WDR Pro
- IP66/IK10/NEMA 4X
- -50°C ~ 55°C
- Wiper



S **SD9374-EHL**

- 4MP 30fps, 36x
- 1/2" Progressive CMOS
- 250M IR, Smart IR II
- WDR Pro
- Smart Tracking
- IP66/IK10/NEMA 4X
- -40°C ~ 55°C

PoE Solutions

Cabinet



AT-CAS-001

- IP66, IK10
- -40 °C ~ 75 °C
- Wide Varieties of PoE/AC/DC Power Modules
- Accommodates Fiber Optics modules
- Single and Multiple Camera Applications

PoE Injector



AP-GIC-015B-095

- IP67, IK10
- -40°C ~ 60°C
- Surge Protection
- 95W PoH/PoE Injector with Adapter



Mobile Dome Network Cameras

Reliable Surveillance On the Move

- Rolling Stock, Vehicles Applications
- Industry Standards and Certifications

Mobile Dome Network Cameras

2MP



WDR

S **MD8564-EH**
series

- 2MP, 6 mm
- 30M IR
- WDR Pro
- -40°C ~ 70°C
- IP66, IK10+, EN50155 TX, EN45545
- M12 Connector



H.265
WDR

S **MD9560-H**
series

- 2MP, 2.8/3.6 mm
- WDR Pro
- 20M IR
- IP66, IP67, IK10, NEMA 4X, EN50155, EN45545
- M12 Connector



H.265
WDR

S **MD9560-DH**
series

- 2MP, 2.8 mm
- WDR Pro
- 20M IR
- IP66, IP67, IK10, NEMA 4X, EN50155, EN45545
- M12 Connector
- DC Power



H.265
WDR

S **MD9561-H**
series

- 2MP 60fps, 2.8/3.6 mm
- WDR Pro (120 dB)
- 30M IR
- -40°C ~ 55°C
- IP66, IP67, IK10, NEMA 4X, EN50155, EN45545
- M12 Connector

5MP



H.265
WDR

S **MD9581-H**
series

- 5MP 30fps, 2.8/3.6 mm
- WDR Pro (120 dB)
- 25M IR
- -40°C ~ 55°C
- IP66, IP67, IK10, NEMA 4X, EN50155, EN45545
- M12 Connector



H.265
WDR
NEW

S **MD9582-H**
series

- 5MP 30fps, 2.8/3.6 mm
- WDR Pro (120 dB)
- 20M IR
- -40°C ~ 70°C
- IP66, IP67, IK10, NEMA 4X, EN50155, EN45545
- M12 Connector



Superior Network Cameras

Professional Solutions with Advanced
Features for Specific Applications

Superior Network Cameras

2MP 65 Series



S **IP9165-HP/HT**

- 2MP 60fps
- 3.6~17 mm, P-iris (-HP)
- 3.9~10 mm, i-CS (-HT)
- Remote Back Focus
- SNV II, WDR Pro II



S **IB9365-HT-A/EHT-A**

- 2MP, 4~9/12~40 mm, P-iris
- SNV, WDR Pro
- 50M/100M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C (-EHT-A)
- IP66/IP67/IK10



S **FD9365-HTV-A/EHTV-A**

- 2MP, 4~9 mm, P-iris
- SNV, WDR Pro
- 50M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C (-EHTV-A)
- IP66/IP67/IK10



S **FD9165-HT-A**

- 2MP, 4~9 mm, P-iris
- SNV, WDR Pro
- 50M IR, Smart IR II
- Built-in PIR
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security

Superior Network Cameras

4K 91 Series



S IP9191-HP



- 30 fps @ 3840x2160
- 120 fps @ 1920x1080
- P-iris
- H.265 + Smart StreamIII
- Remote Back Focus
- SNV, WDR Pro
- 2-way Audio



S IP9191-HT



- 30 fps @ 3840x2160
- 120 fps @ 1920x1080
- i-CS
- H.265 + Smart StreamIII
- Remote Back Focus
- SNV, WDR Pro
- 2-way Audio



S IB9391-EHT



- 8MP 30 fps/ 2MP 120 fps
- SNV, WDR Pro
- 50M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C
- IP66/IP67/IK10/NEMA 4X



S FD9391-EHTV



- 8MP 30 fps/ 2MP 120 fps
- SNV, WDR Pro
- 50M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C
- IP66/IP67/IK10/NEMA 4X

180° Panoramic



S MS9321-EHV



- 20MP Resolution, Lens x4
- Electronic image stitching
- 30 fps @ 7680x2560
- 30M IR
- SNV, WDR Pro
- IP66, IK10

360° Fisheye



S FE9191/9391-EV



- 360° Panomorph View
- 12MP CMOS Sensor
- 30 fps @ 2816x2816
- 360° 20M IR, Smart IR II (9391)
- WDR Pro
- Smart VCA
- IP66/IK10/EN50155 (9391)

Multi-Sensor



S MA9321-EHTV



- 20MP Resolution, Lens x4
- 30 fps @ 2560x1920
- SNV, WDR Pro
- IP66, IK10



S MA9322-EHTV



- 20MP Resolution, Lens x4
- 30 fps @ (2688x1920)x4
- SNV, WDR Pro
- 30M IR
- IP66, IK10

Mini-Size Network Cameras

Compact Design, Powerful Eye

- Superior Video Quality
- Wide Coverage
- Flexible and Easy Installation



Mini-Size Network Cameras

Fixed Dome - Indoor



FD9166-HN

- 2MP
- WDR Pro
- Invisible 10M IR
- Ø 90 x 50 mm

Outdoor



FD9366-HV

- 2MP, 30fps
- 20M IR
- WDR Pro
- IP66/IP67/IK10/NEMA 4X
- Ø 110 x 98 mm

Recessed-Mount



FD816CA-HF2

- 2MP
- WDR Pro
- Ø 60 x 115 mm



FE8182

- 5MP, 360° Surround View
- Ø 60 x 102 mm

Mobile Dome



MD8565-N

- 2MP, 30fps
- Invisible 10M IR
- IP66/IK10/NEMA 4X
- EN50155 T1
- Ø 110 x 57 mm

360° Fisheye



FE9180-H

- H.265/H.264/MJPEG
- 360° Surround View
- Smart Stream III
- WDR Pro
- Built-in Mic
- Ø 94 x 39 mm

The background image is a wide-angle aerial photograph of a major city, likely Tokyo, during sunset or sunrise. The city is densely packed with buildings of various heights, including many skyscrapers. Several large green parks are visible, providing a stark contrast to the urban environment. The lighting creates a warm glow on the buildings and highlights the intricate patterns of the city's layout.

Standard Network Cameras

Versatile Solutions with Advanced Features
for Professional Surveillance

H.265 – 89 Series

5MP, Vari-focal

IB9389-HT/EHT <p> </p> <ul style="list-style-type: none"> • 5MP, 3.7~7.7 mm • WDR Pro, SNV • 30M IR, Smart IR • Smart Motion Detection, Smart VCA • -50°C ~ 60°C (-EHT) 	FD9189-HT <p> </p> <ul style="list-style-type: none"> • 5MP, 3.7~7.7 mm • WDR Pro, SNV • 30M IR, Smart IR • Smart Motion Detection, Smart VCA 	FD9389-HTV/EHTV <p> </p> <ul style="list-style-type: none"> • 5MP, 3.7~7.7 mm • WDR Pro, SNV • 30M IR, Smart IR • Smart Motion Detection, Smart VCA • -50°C ~ 60°C (-EHTV) 	IT9389-HT <p> </p> <ul style="list-style-type: none"> • 5MP, 3.7~7.7 mm • WDR Pro, SNV • 30M IR, Smart IR • Smart Motion Detection, Smart VCA • IP66, IK08

5MP, Fixed-focal

IB9389-H/EH <p> </p> <ul style="list-style-type: none"> • 5MP, 3.6 mm • WDR Pro, SNV • 30M IR, Smart IR • Smart Motion Detection, Smart VCA • -50°C ~ 60°C (-EH) 	FD9189-H <p> </p> <ul style="list-style-type: none"> • 5MP, 2.8 mm • WDR Pro, SNV • 30M IR, Smart IR • Smart Motion Detection, Smart VCA 	FD9389-HV/EHV <p> </p> <ul style="list-style-type: none"> • 5MP, 2.8 mm • WDR Pro, SNV • 30M IR, Smart IR • Smart Motion Detection, Smart VCA • -50°C ~ 60°C (-EHV) 	IT9389-H <p> </p> <ul style="list-style-type: none"> • 5MP, 2.8/3.6 mm • WDR Pro, SNV • 30M IR, Smart IR • Smart Motion Detection, Smart VCA • IP66, IK08

H.265 – 87 Series

5MP, Vari-focal, Remote Focus



IB9387-HT-A/EHT-A

- 5MP, 2.7~13.5 mm, P-iris
- SNV, WDR Pro
- 50M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C (-EHT/-EHT-A)
- IP66/IP67/IK10

FD9387-HTV-A/EHTV-A

- 5MP, 2.7~13.5 mm, P-iris
- SNV, WDR Pro
- 50M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C (-EHTV-A)
- IP66/IP67/IK10

FD9187-HT/HT-A

- 5MP, 2.7~13.5 mm, P-iris
- SNV, WDR Pro
- 50M IR, Smart IR II
- Built-in PIR
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security

5MP, Fixed-focal



IB9387-H/EH

- 5MP, 3.6 mm
- SNV, WDR Pro
- 30M IR
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C (-EH)
- IP66/IP67/IK10

FD9187-H

- 5MP, 2.8 mm
- SNV, WDR Pro
- 30M IR
- Built-in PIR
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security

H.265 – 88/68 Series

88 Series - 5MP, Vari-focal



IB9388-HT

- 5MP, 2.8~12 mm, Fixed-iris
- WDR Pro, SNV
- 30M IR, Smart IR
- Trend Micro IoT Security
- IP66, IK10(Housing)



FD9388-HTV

- 5MP, 2.8~12 mm, Fixed-iris
- WDR Pro, SNV
- 30M IR, Smart IR
- Trend Micro IoT Security
- IP66, IK10



IT9388-HT

- 5MP, 2.8~12 mm, Fixed-iris
- WDR Pro, SNV
- 30M IR, Smart IR
- Trend Micro IoT Security
- IP66, IK10

68 Series - 2MP, Vari-focal



IB9368-HT

- 2MP, 2.8~12 mm, Fixed-iris
- WDR Pro, SNV
- 30M IR, Smart IR
- Trend Micro IoT Security
- IP66, IK10(Housing)



FD9368-HTV

- 2MP, 2.8~12 mm, Fixed-iris
- WDR Pro, SNV
- 30M IR, Smart IR
- Trend Micro IoT Security
- IP66, IK10

H.265 – 80/60 Series

80 Series - 5MP, Fixed-focal


IB9380-H

FD9380-H

IT9380-H

- 5MP, 3.6 mm, Fixed-iris
- WDR Pro, SNV
- 30M IR, Smart IR
- Trend Micro IoT Security
- IP66, IK10(Housing)

- 5MP, 2.8/3.6 mm, Fixed-iris
- WDR Pro, SNV
- 30M IR, Smart IR
- Trend Micro IoT Security
- IP66, IK10(Housing)

- 5MP, 2.8/3.6 mm, Fixed-iris
- WDR Pro, SNV
- 30M IR, Smart IR
- Trend Micro IoT Security
- IP66, IK10(Housing)

60 Series - 2MP, Fixed-focal


IB9360-H

FD9360-H

IT9360-H

- 2MP, 3.6 mm, Fixed-iris
- WDR Pro, SNV
- 30M IR, Smart IR
- Trend Micro IoT Security
- IP66, IK10(Housing)

- 2MP, 2.8/3.6 mm, Fixed-iris
- WDR Pro, SNV
- 30M IR, Smart IR
- Trend Micro IoT Security
- IP66, IK10(Housing)

- 2MP, 2.8/3.6 mm, Fixed-iris
- WDR Pro, SNV
- 30M IR, Smart IR
- Trend Micro IoT Security
- IP66, IK10(Housing)

H.265 – 67 Series

2MP, Vari-focal, Remote Focus


IB9367-EHT-v2

- 2MP, 2.7~13.5 mm, P-iris
- SNV, WDR Pro
- 50M IR, Smart IR II
- -40°C ~ 60°C
- Trend Micro IoT Security
- IP66/IP67/IK10/NEMA4X


FD9367-EHTV-v2

- 2MP, 2.7~13.5 mm, P-iris
- SNV, WDR Pro
- 50M IR, Smart IR II
- -40°C ~ 60°C
- Trend Micro IoT Security
- IP66/IP67/IK10/NEMA4X


FD9167-HT-v2

- 2MP, 2.7~13.5mm, P-iris
- SNV, WDR Pro
- 50M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security

2MP, Fixed-focal


IB9367-H/EH

- 2MP, 3.6 mm
- SNV, WDR Pro
- 30M IR
- Trend Micro IoT Security
- -50°C ~ 60°C (-EH)
- IP66/IP67/IK10


FD9367-HV

- 2MP, 2.8 mm
- SNV, WDR Pro
- 30M IR
- Trend Micro IoT Security
- IP66/IP67/IK10


FD9167-H

- 2MP, 2.8 mm
- SNV, WDR Pro
- 30M IR
- Built-in PIR
- Trend Micro IoT Security

H.265 – 67/65 Box Series

67 Series, 2MP



IP9167-HP

- 2MP 30 fps
- H.265 + Smart Stream III
- WDR Pro, SNV
- Lens Profile



IP9167-HT

- 2MP 30fps, 2.8~10 mm, P-iris
- H.265 + Smart Stream III
- WDR Pro, SNV



IP9167-HT

- 2MP 30fps, 12~40 mm, P-iris
- H.265 + Smart Stream III
- WDR Pro, SNV

65 Series, 2MP



S IP9165-HP

- 2MP 60fps, 3.6~17 mm, P-iris
- H.265 + Smart Stream III
- WDR Pro II, SNV II
- Remote Back Focus



S IP9165-HT

- 2MP 60fps, 3.9~10 mm, i-CS
- H.265 + Smart Stream III
- WDR Pro II, SNV II
- Remote Focus



S IP9165-LPC

- 2MP 60fps, 12~40 mm, P-iris
- H.265 + Smart Stream III
- WDR Pro II, SNV II
- Remote Back Focus
- Headlight Filter Design
- License Plate Capture

Comprehensive Product Portfolio

Advanced Technologies

- Cybersecurity Management Solution
- VIVOTEK VCA:
 - Stereo People Counting
 - Smart Motion Detection
 - Smart VCA
 - Smart Tracking
- Advanced Technologies:
 - Bandwidth Optimization – Smart Stream III
 - Superior Low-Light Performance – Smart IR II, SNV II



Highlighted Product Lines

- 360° Fisheye Network Cameras
- 180° Panoramic Network Cameras
- Multi-Sensor Network Cameras
- Thermal Bullet Network Cameras
- Speed Dome Network Cameras
- Mobile Dome Network Camera
- Superior Network Cameras
- Mini-Size Network Cameras
- Standard Network Cameras

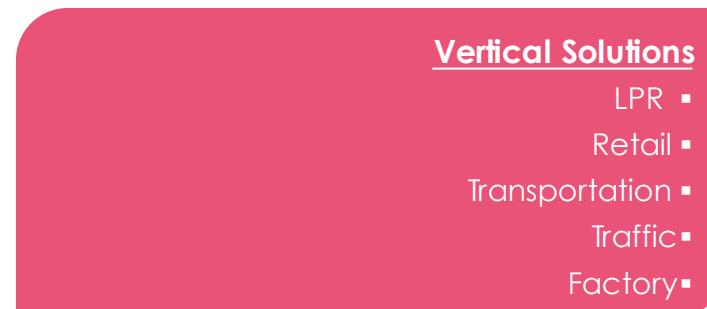


Complete Product Lines

- NVR ▪
- CMS Station ▪
- Video Server ▪
- Video Receiver ▪
- PoE Solution ▪
- Accessory ▪
- Software ▪
- Cloud Service ▪

Application Solutions

- Wide Temperature ▪
- Long-Range ▪
- AIoTSurveillance ▪
- Facial Recognition ▪



Vertical Solutions

- LPR ▪
- Retail ▪
- Transportation ▪
- Traffic ▪
- Factory ▪

NVR

Professional Network Video Recorders





core+

New Generation of NVR Firmware

Experience Advanced Security on VIVOTEK NVRs



Cybersecurity Management



Smart VCA Event Search

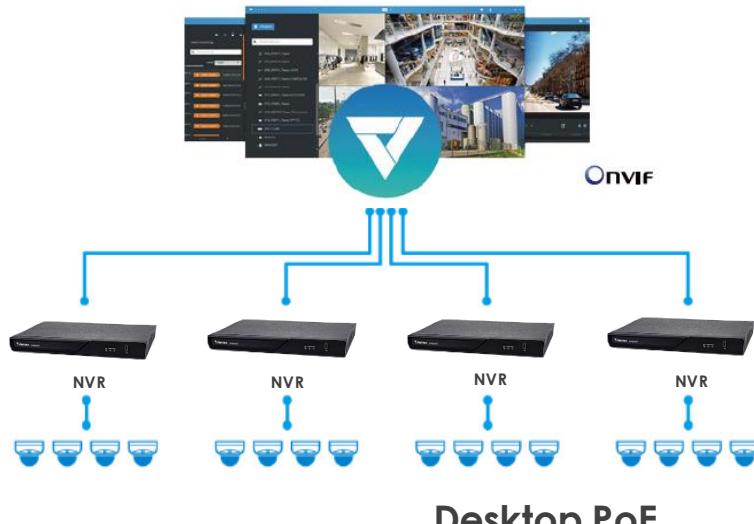


Smart Search II



Counting Solution

Network Video Recorders



Desktop



ND9312

- 8-CH, 1X HDD
- H.265 1080p x4CH
- Fisheye Dewarp
- 4K Local Display
- VIVOCloud Cloud Service



ND9323P/9425P

- 8/16CH, 8/16xPoE, 2x HDD
- H.265 1080p x4CH
- Fisheye Dewarp
- 4K Local Display
- VIVOCloud Cloud Service



ND9322P-v2/ND9424P-v2

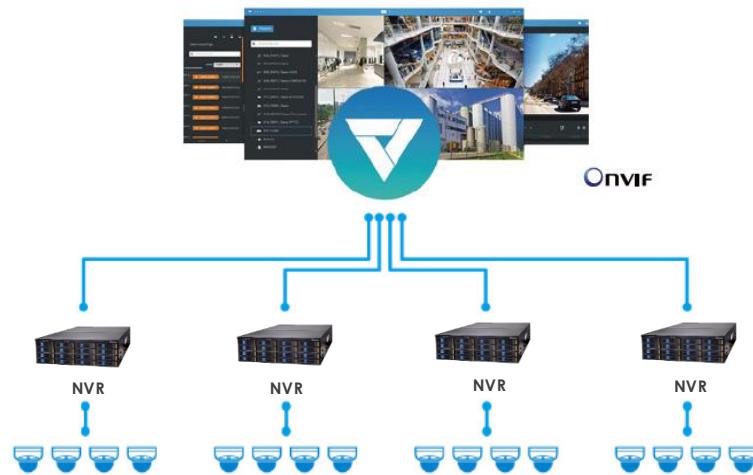
- 8/16CH, 8/16xPoE, 2x HDD
- H.265 1080p x4CH
- Fisheye Dewarp
- 4K Local Display
- VIVOCloud Cloud Service



ND9441P/ND9541(P)

- 16/32-CH, 16xPoE*, 4x HDD
- H.265/H.264/MJPEG
- Dual LAN
- Fisheye Dewarp
- HDMI/VGA
- VIVOCloud Supported

Network Video Recorders



Rack-Mount



SNR9581-v2/NR9681-v2

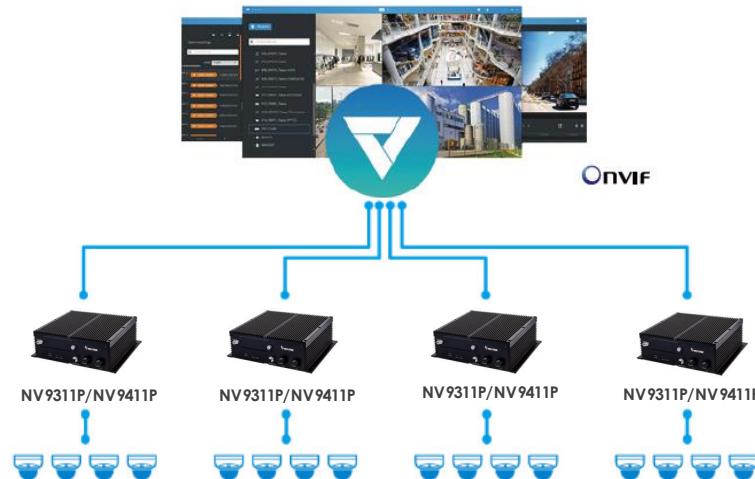
- 32/64-CH, 8x HDD
- H.265/H.264/MJPEG
- RAID 0, 1, 5, 6, 10
- Dual LAN
- Fisheye Dewarp
- HDMI/DP Local Display
- VAST2 Inside



NR9682-v2/NR9782-v2

- 64/128-CH, 16x HDD
- RAID 0, 1, 5, 6, 10
- Dual LAN
- Fisheye Dewarp
- HDMI/DP/DVI Local Display
- VAST2 Inside
- Smart Search II
- Smart VCA Event Search

Mobile Network Video Recorders



Mobile NVR



S NV9311P

- H.265 8-CH, 8x PoE
- RJ45/M12
- Built-in GPS, G-sensor
- Built-in PoE, Ignition Control
- WiFi/LTE Options
- MIL-STD-810G

H.265
4K Display



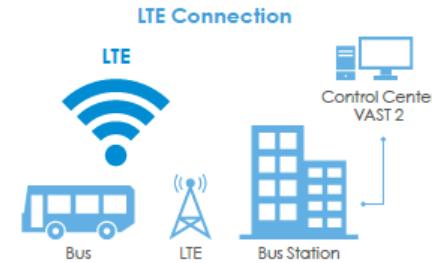
S NV9411P

- H.265 16-CH, 8x PoE
- RJ45/M12
- Built-in GPS, G-sensor
- Built-in PoE, Ignition Control
- WiFi/LTE Options
- MIL-STD-810G

H.265
4K Display



WiFi Connection



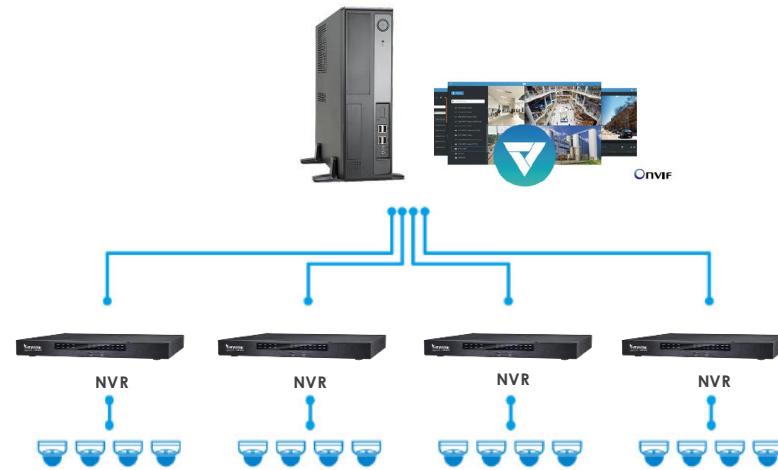
LTE Connection

CMS Station

Central Management Software Station



CMS Station



Desktop



NS9521

- H.265/H.264
- 32-CH, Up to 64CH (by license purchasing)
- 2x HDD
- Windows AD
- VAST2 inside
- Smart Search II
- Smart VCA Event Search
- LPR Integration

Video Server

- H.264, MPEG-4 and MJPEG Supported
- 1-CH

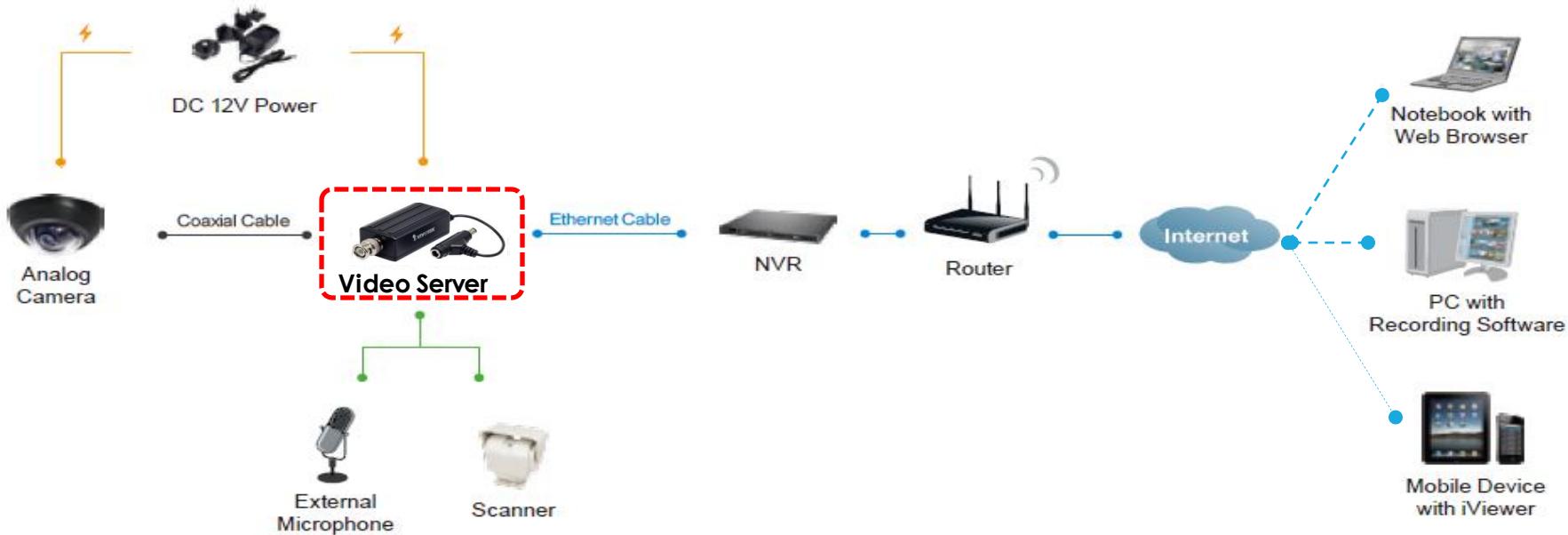


Video Server

1-CH



VS8100-v2



Video Receiver

- H.265, H.264 Supported
- 16-CH
- 4K Display



Video Decoder



RX9401

- H.265/H.264 Compression
- Up to 16 Channel IP Camera Input
- HDMI Video Output up to 4K Resolution
- Up to 8MP Camera supported
- Plug & Play One Button Auto Setup
- Fisheye Instant Playback Dewarp
- ONVIF Compliance
- Compact Size with Fanless Design



PoE Solution

- Commercial Solution
- Outdoor Solution
- Industrial Solution
- Long Range Solution



PoE Solution

Unmanaged Switch



Unmanaged
FE PoE Switch



Unmanaged
GE PoE Switch

Managed Switch



Industrial VivoCam
L2+ Managed PoE
Switch



VivoCam L2+
Managed PoE
Switch



VivoCam
Web Smart PoE
Switch



Non-PoE L2+
Managed Switch

Outdoor Solution



Outdoor
Unmanaged PoE
Switch



Outdoor VivoCam
L2+ Managed PoE
Switch



Cabinet Solution



PoE Enclosure



Outdoor Surge
Protector



PoE Injector



Industrial Solution



Unmanaged PoE
Switch



Managed PoE
Switch



Media Converter



PoE / Hyper PoE
Extender



Unmanaged
EPoC Switch



EPoC Rx/Tx
Extender

Long Range Solution

VivoCam

The **World's 1st** PoE Switch with IP
Surveillance Management Functions



VivoCam L2+ Managed PoE Switch

- Camera Management + Network Management = VivoCam
- Easily manage, configure, and monitor all VIVOTEK devices

Floor View



Topology View

The screenshot displays a network topology interface for managing VIVOTEK devices. On the left, a floor plan shows camera locations labeled 2 through 8. Each location has a green circle with a camera icon. The main interface shows a central switch (FE8180) connected to various cameras and other devices. A detailed configuration window for camera FE8180 is open, showing its device type as 'VIVOTEK IP Camera', name as 'FE8180', and IP address as '192.168.1.5'. It also lists its MAC address, HTTP port, PoE usage, and firmware version. Below the configuration window are buttons for Login, Diagnostics, Live Stream, Management, Default, PoE Reboot, Dashboard, Notification, and Monitor. To the right, a search bar and a list of connected devices are shown, including AW-GEV-267A-370, IP8364, IB8168, IB8338-H, FD8373-EHV, FE8180, IB8338-H, and SC8131. A second instance of the interface is visible on the right side of the screen.

VivoCam L2+ Managed PoE Switch

Indoor



AW-GEV-107A-130

- 8xGE PoE + 2GE Combo + 1xRJ45 Console
- 130W



AW-GEV-267A-370

- 24xGE PoE + 2xGE Combo + 1xRJ45 Console
- 370W

Outdoor



AW-GET-086A-120

- 4xGE PoE + 2xGE UTP + 2xGE SFP + 1xRJ45 Console
- 120W
- IP67, IK10
- -40°C ~ 65°C



AW-GET-126A-240

- 8xGE PoE + 4xGE SFP + 1xRJ45 Console
- 240W
- IP67, IK10
- -40°C ~ 65°C



AW-GEU-086A-240

- 4xGE UPoE + 2xGE UTP + 2xGE SFP + 1xRJ45 Console
- 240W
- IP67, IK10
- -40°C ~ 65°C

Accessories

Mounting Kit • Enclosure • Power Box • Cabinet • Power Supply •
Lens • Cover • IR Illuminator • Joystick • Power Adapter • Storage



Software

VMS

- VAST 2

Mobile App

- iViewer

Application Software

- Shepherd
- Design Tool
- Device Center
- Validation Tool

Video Management Software (VMS)



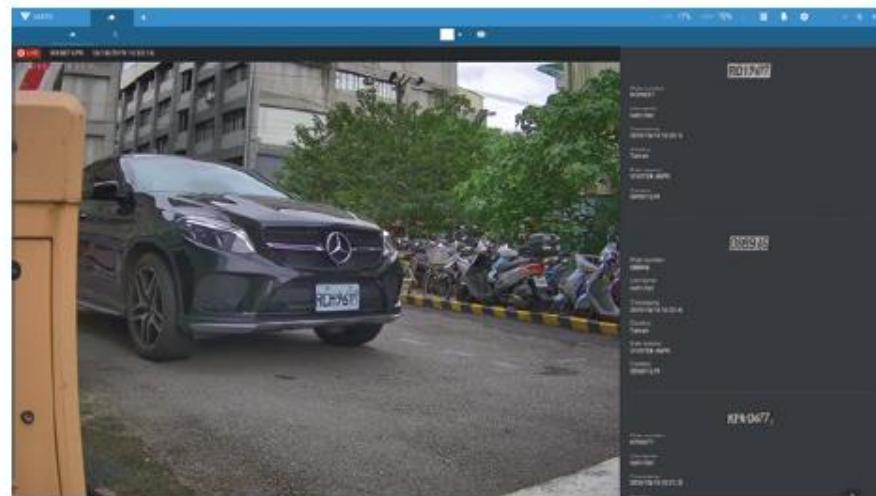
VAST 2

- License Plate Recognition Solution
- Cybersecurity Management Solution
- Smart Search II - Powerful Search for Smart Motion Detection
- Smart VCA: Improved Accuracy for People & Object Detection in VIVOTEK Cameras
- Multi-Monitor Support with Tabbed Windows
- Add-on Solutions: Failover, Transportation, Transaction and Data Magnet
- Matrix for Video Wall Solution
- Multiple Fisheye Dewarp Modes
- Evidence Lock: Automatically Bookmark Related Recordings when Alarm Triggered
- Evidence Export: Manually Export Video
- Open Street Map (OSM) Integration for GIS Map

License Plate Recognition Solution

VAST2 can link license plate information with live streaming and recordings via integration with VIVOTEK's License Plate Recognition cameras.

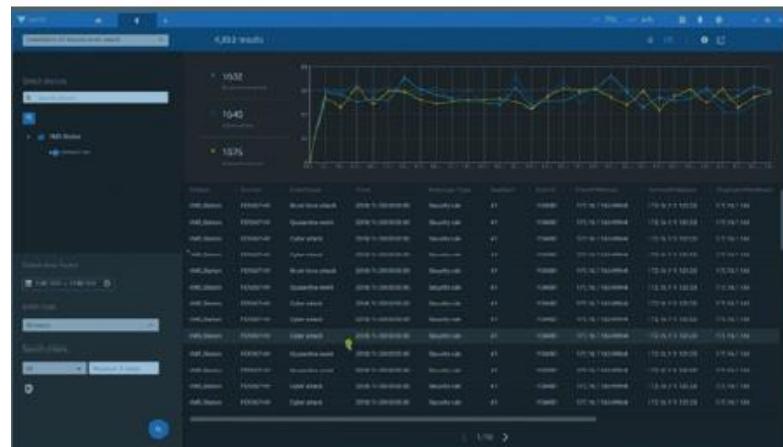
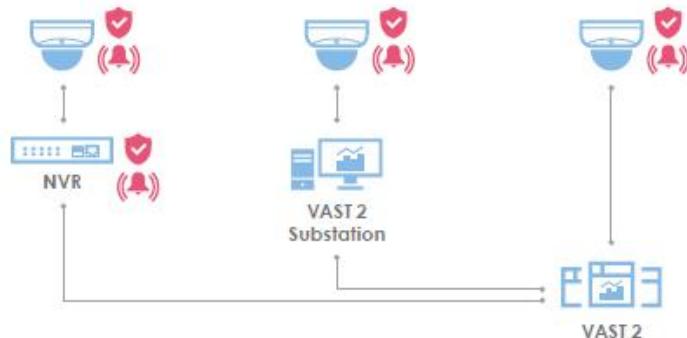
Users can search and analyze historical data and display the number of recognized license plates data in line graphs, export search results or display live streaming video data from alarm event-triggering cameras.



Cybersecurity Management Solution

Integrate cybersecurity attack events from VIVOTEK cameras and NVR to VAST2 alarm management.

In addition to alarm action and notification, VAST2 becomes the central management site to recognize attack trends and status, as well as acquire attack information.



Smart Search II

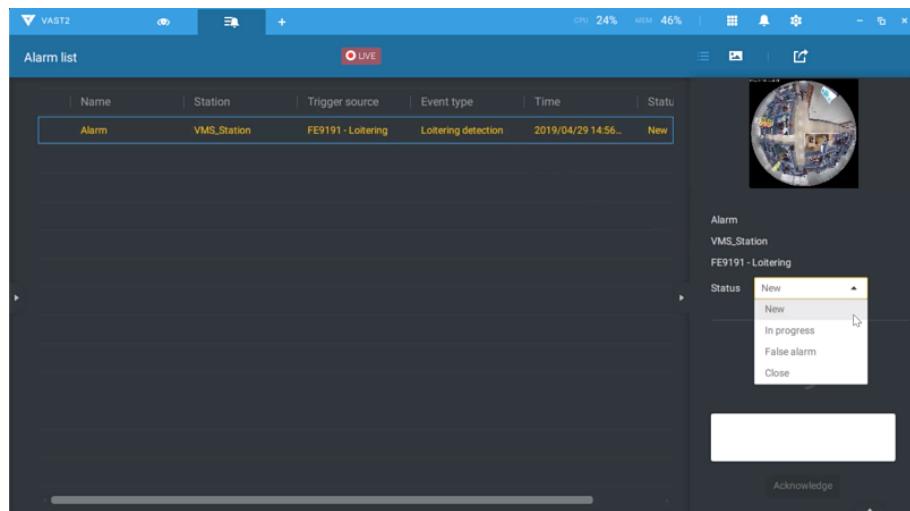
Users can quickly sort through large amounts of footage to find object or person-related motion in video streaming storage.

Human behaviors such as crossing a user-defined area, loitering in an area for a set time and intruding into/leaving from a zone can all serve as search criteria. Video clips can be easily found and exported.



Smart VCA Integration

Integrate Video Content Analysis Technology
- Smart VCA, from VIVOTEK's cameras,
making VAST2 able to support display of
VCA rules in liveview, bounding box on
detected objects, alarm management and
event-search functions. Provide improved
accuracy for people and object detection,
while reducing false alarms.



Data Magnet

Data Magnet enables VIVOTEK's License Plate Recognition cameras or third-party data sources to integrate into VAST 2, providing rapid access to recording data and supporting simultaneous data display during live streaming.

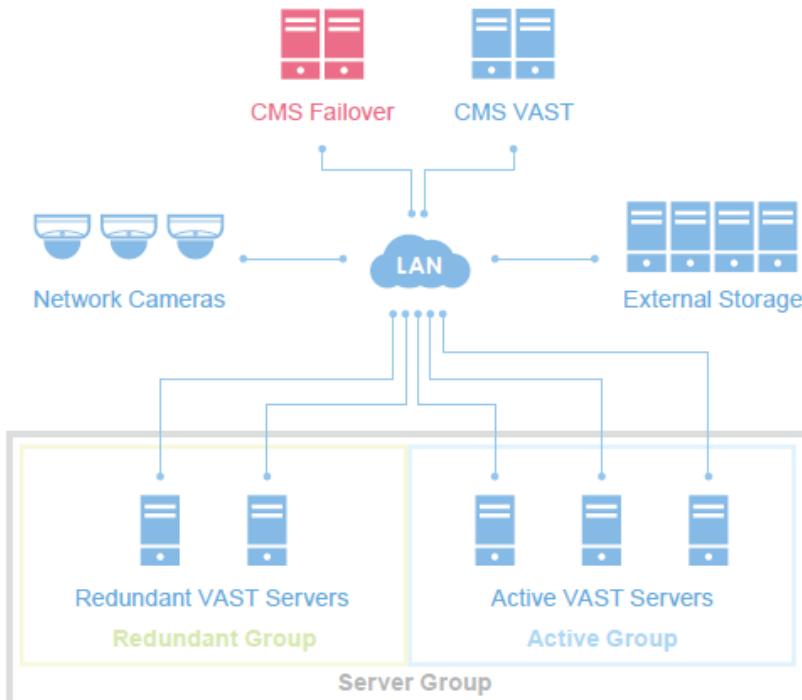
Additionally, users can also utilize Data Magnet's alarm management to customize alarm triggering rules and actions, enabling users to receive alarm notifications immediately upon preset alarm criteria triggering.



CMS/VMS Failover

In the event of server failures, redundant servers become active and automatically take over the recording task.

Besides, recording and management tasks will be transferred from CMS to a CMS redundant server if CMS service becomes unavailable.



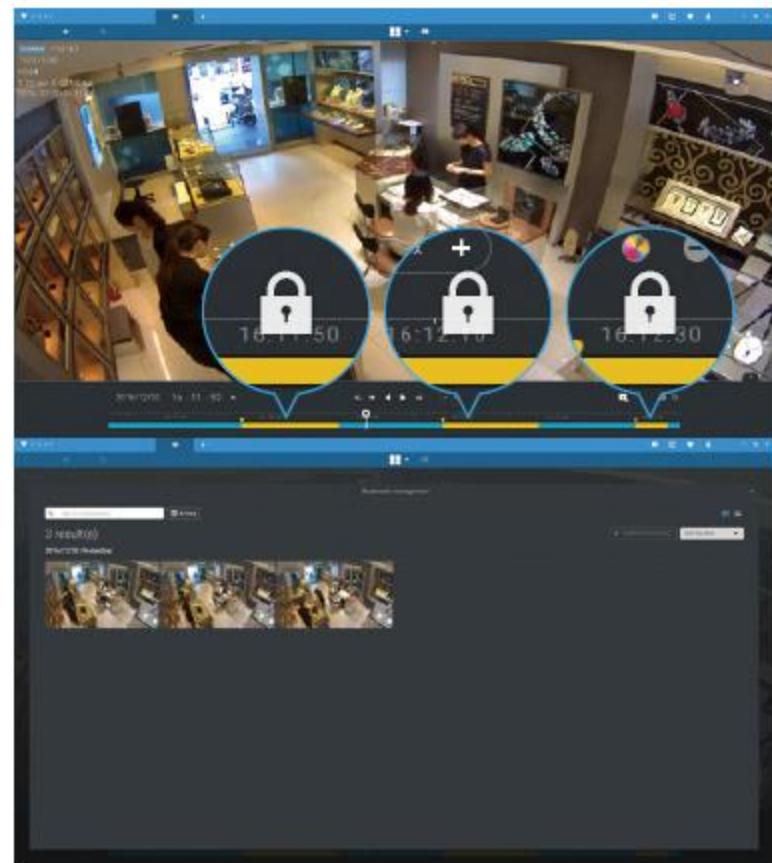
Matrix for Video Wall Solution

Matrix provides a video wall feature to view cameras streaming from a VAST 2 server. Users can manage the matrix client(s) directly through the VAST 2 server.



Evidence Lock

Automatically bookmark related recordings when alarm triggered or manually extend the retention time for video recording and manage a high number of investigation scenarios.



Evidence Export

Easy export of multiple video recording with custom layouts in a specific time period or instant snapshot with a fast click.



Snapshot



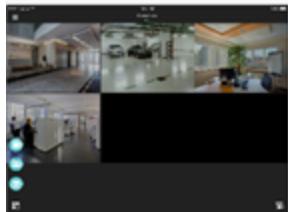
Video

Mobile App – iViewer

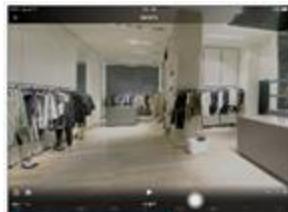


iViewer
Mobile Surveillance App

Multiple Layout



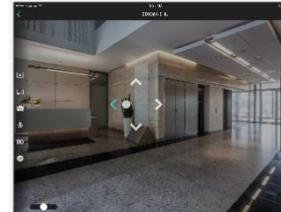
Timeline Playback



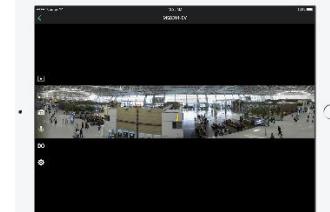
Fisheye Dewarp



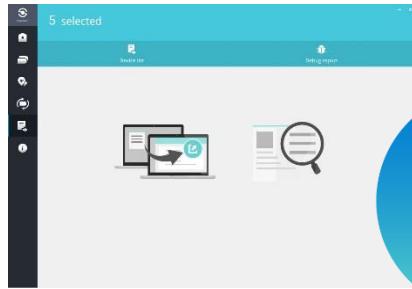
Virtual Joystick



180° Panoramic View



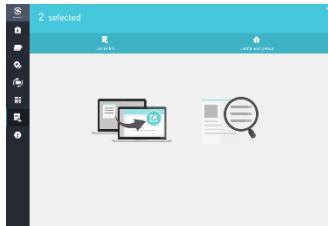
Application Software – Shepherd



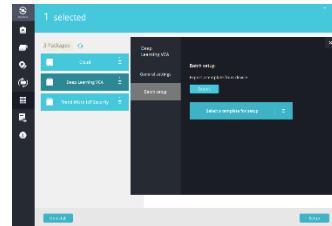
Shepherd

Camera Management Tool

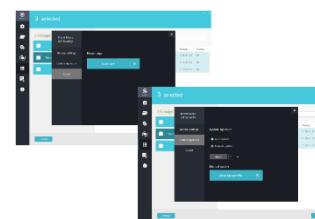
Remote Export Devices
Information



Batch Package
Configuration Setup



Batch Trend Micro IoT
Package Setup

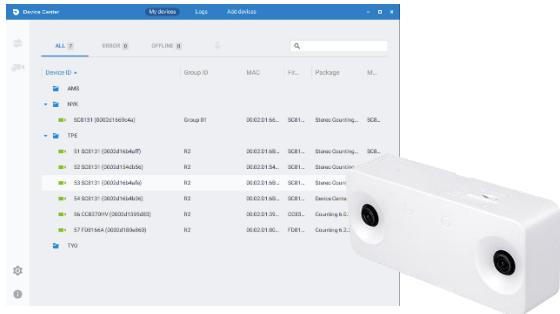


Application Software – Counting Tools



Device Center

Smart Management Tool



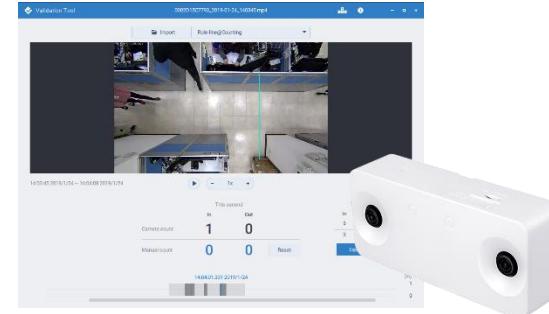
The screenshot shows the Device Center software interface. At the top, there are tabs for 'My devices', 'Logs', and 'All devices'. Below this is a search bar and a filter section for 'Device ID', 'Group ID', 'MAC', 'IP', 'Package', and 'Model'. The main list displays several devices under the 'TPE' category:

Device ID	Group ID	MAC	IP	Package	Model
S1 5C0121 (0E0011b4e0f)	R2	0E023186...	0C81...	Stereo Counting...	S0...
S2 5C0121 (0E0011a4b06)	R2	0E023154...	0C81...	Stereo Counting...	S0...
S3 5C0121 (0E0011a4a06)	R2	0E023186...	0C81...	Stereo Count	
S4 5C0121 (0E0011a4b06)	R2	0E023186...	0C81...	Device Center	
S6 C0C017WV (0E001135a02)	R2	0E023126...	0C03...	Counting R.G.	
S7 F001164 (0E0011b4e09)	R2	0E023186...	FD81...	Counting R.Z.	



Validation Tool

Counting Result Correction



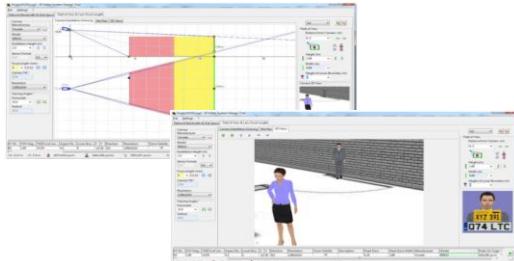
The screenshot shows the Validation Tool software interface. At the top, there are tabs for 'Import' and 'RuleTesting'. Below this is a video feed from a camera showing a person walking through a green validation box. On the right side, there is a control panel with a digital display showing '1 0' and buttons for 'Reset' and 'OK'. Below the display, it says 'Current count: 1 0' and 'Max count: 0 0'. At the bottom, there is a timestamp '14:04:01 2016-01-21 10:14'.

Application Software – Design Tools



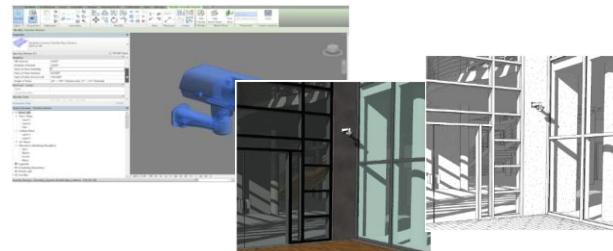
IPVS Design Tool

Intuitively Design Surveillance Systems
with 2D/3D Views



BIMobject®

3D Software for Building Information
Management (BIM)



Cloud Service

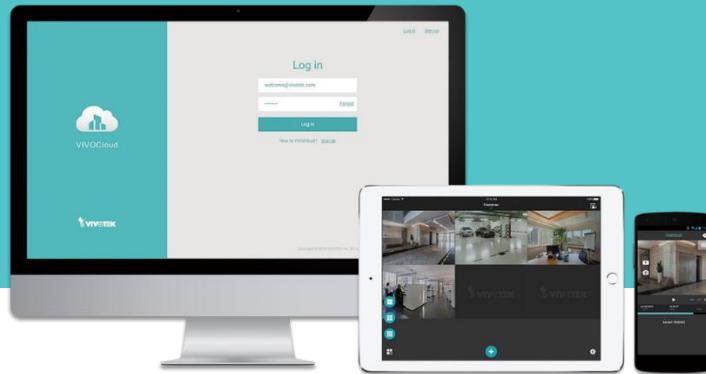
VIVOCloud

VIVOCloud Retail



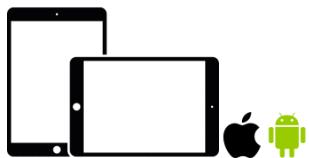
VIVOCloud

24/7 App · Cross-platform Web Portal

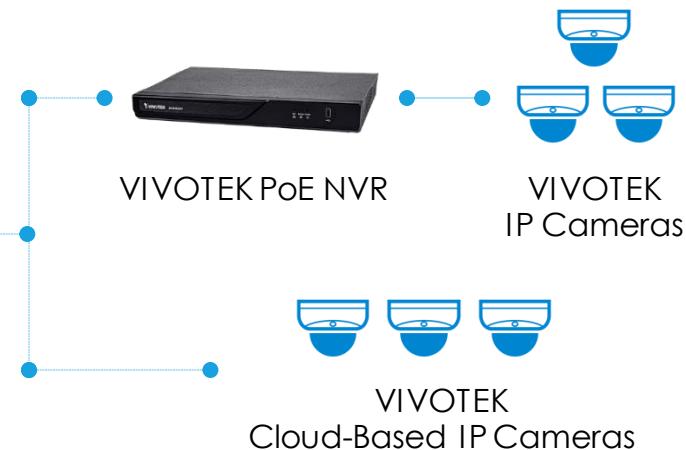


VIVOCloud Architecture

- Mobile App



- Web Portal



Cloud-Based Network Cameras

Indoor



IP9167-HT

- 2MP 30fps, 2.8~10/12~40mm
- P-iris
- H.265 + Smart Stream III
- WDR Pro, SNV



FE9180-H

- H.265 + Smart Stream III
- WDR Pro
- Built-in Mic
- Compact Size (\varnothing 94 mm)



S FE9191

- 360° Panomorph View
- 12MP CMOS Sensor
- 30 fps @ 2816x2816
- 360° 20M IR, Smart IR II
- WDR Pro

Outdoor



S FD9365-HTVL

- 2MP, 4~9 mm, P-iris
- SNV II, WDR Pro II
- 50M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- IP66/IP67/IK10



S MD9561-H

- 2MP 60fps, 2.8/3.6 mm
- WDR Pro
- 30M IR
- -40°C ~ 55°C
- P66/IP67/IK10/NEMA 4X/EN50155/EN45545



IB9387-HT/EHT

- 5MP, 2.7~13.5 mm, P-iris
- SNV, WDR Pro
- 50M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- -50°C ~ 60°C (-EHT)
- IP66/IP67/IK10



IT9389-H/HT

- 5MP, 2.8/3.6 mm
- H.265 + Smart Stream III
- WDR Pro, SNV
- 30M IR, Smart IR
- IP66/IK08

*Available by Manually Upload VIVOCloud Package

Cloud-Based Devices

Indoor


FD9166-HN


- 2MP
- WDR Pro
- Invisible 10M IR
- Ø 90 x 50 mm

Outdoor


IB9368-HT


- 2MP, 2.8~12 mm, Fixed-iris
- WDR Pro, SNV
- 30M IR, Smart IR
- Trend Micro IoT Security
- IP66, IK10(Housing)

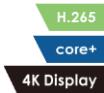

CC9381-HV


- H.265/H.264/MJPEG
- 180° 15M IR
- WDR Pro, SNV
- Built-in Mic
- Outdoor-ready


FE9380-HV


- H.265 + Smart Stream III
- WDR Pro
- 360° 10M IR
- Outdoor-ready
- Local Dewarping

PoE NVR

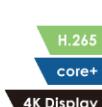

ND9322P-v2/9424P-v2

- 8/16CH, 8/16xPoE, 2x HDD
- H.265 1080p x4CH
- Fisheye Dewarp
- 4K Local Display


ND9323P/9425P

- 8/16CH, 8/16xPoE, 2x HDD
- H.265 1080p x4CH
- Fisheye Dewarp
- 4K Local Display

NVR


ND9441P/9541P

- 16/32-CH, 16xPoE, 4x HDD
- H.265/H.264/MJPEG
- 1080p x16CH
- Dual LAN
- Fisheye Dewarp


ND9312


- 8-CH, 1x HDD
- H.265/H.264/MJPEG
- 8-CH IP Camera Input
- HDMI Video Output up to 4K Resolution

*Embedded VIVOCloud Package.



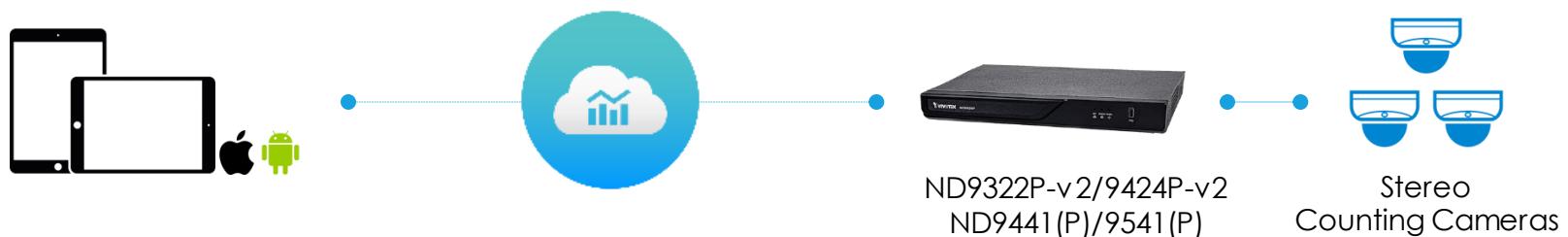
VIVOCloud Retail

Visual Report • App • Web Portal

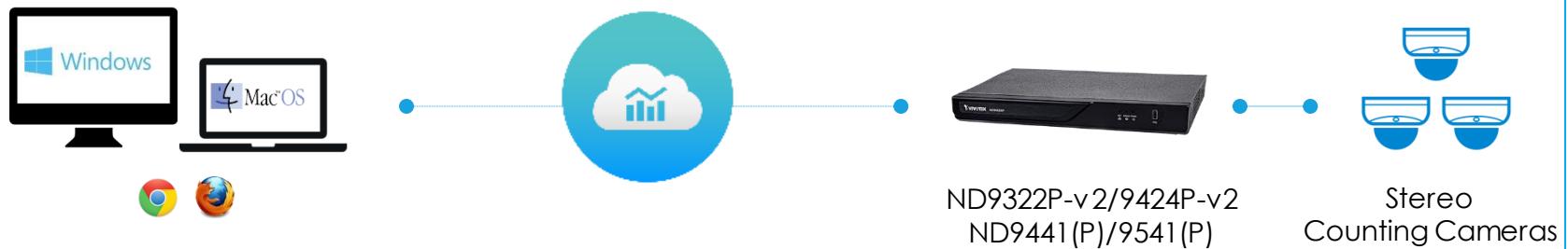


VIVOCloud Retail Architecture

- Mobile App



- Web Portal



Counting Cameras

Stereo People Counting



 **SC8131**

- Smart-edge Camera
- 3D Depth Technology
- High Accuracy
- Configurable Counting Rule
- Install Height: 240-360cm

Cloud-Based NVR

NVR



ND9441

- 16-CH, 4x HDD
- H.265/H.264/MJPEG
- 1080p x16CH
- Dual LAN
- HDMI/VGA, 4K Local Display



ND9541

- 32-CH, 4x HDD
- H.265/H.264/MJPEG
- 1080p x16CH
- Dual LAN
- HDMI/VGA, 4K Local Display



PoE NVR



ND9441P/9541P

- 16/32-CH, 16xPoE, 4x HDD
- H.265/H.264/MJPEG
- 1080p x16CH
- Dual LAN
- HDMI/VGA, 4K Local Display



ND9322P-v2/9424P-v2

- 8/16CH, 8/16xPoE, 2x HDD
- H.265/H.264/MJPEG
- H.265 1080p x8CH
- 4K Local Display

Comprehensive Product Portfolio

Advanced Technologies

- Cybersecurity Management Solution
- VIVOTEK VCA:
 - Stereo People Counting
 - Smart Motion Detection
 - Smart VCA
 - Smart Tracking
- Advanced Technologies:
 - Bandwidth Optimization – Smart Stream III
 - Superior Low-Light Performance – Smart IR II, SNV II



Highlighted Product Lines

- 360° Fisheye Network Cameras
- 180° Panoramic Network Cameras
- Multi-Sensor Network Cameras
- Thermal Bullet Network Cameras
- Speed Dome Network Cameras
- Mobile Dome Network Camera
- Superior Network Cameras
- Mini-Size Network Cameras
- Standard Network Cameras

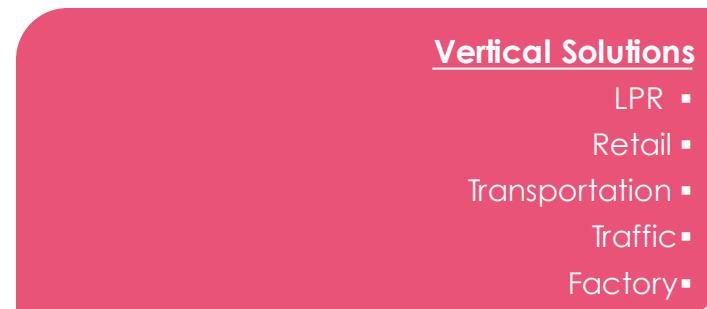


Complete Product Lines

- NVR ▪
- CMS Station ▪
- Video Server ▪
- Video Receiver ▪
- PoE Solution ▪
- Accessory ▪
- Software ▪
- Cloud Service ▪

Application Solutions

- Wide Temperature ▪
- Long-Range ▪
- AIoTSurveillance ▪
- Facial Recognition ▪



Vertical Solutions

- LPR ▪
- Retail ▪
- Transportation ▪
- Traffic ▪
- Factory ▪

Wide Temperature Video Surveillance Solution

Ready for Extreme Weather Conditions



Wide Temperature Solution

12MP 360°



S FE9391-EV

- 12MP, Surround View
- H.265 + Smart Stream III
- 30 fps @ 2816x2816
- 360° 20M IR, Smart IR II
- WDR Pro
- -40°C ~ 60°C

20MP 180°



S MS9321-EHV

- 20MP Resolution, Lens x4
- 30 fps @ 7680x2560
- 30M IR
- SNV, WDR Pro
- IP66, IK10
- -40°C ~ 60°C

20MP



S MA9322-EHTV

- 20MP Resolution, Lens x4
- 30 fps @ (2688x1920) x4
- SNV, WDR Pro
- 30M IR
- IP66, IK10
- -40°C ~ 60°C

Thermal



S TB9330-E/31-E

- Infrared Thermal Image
- 384x256 Resolution(30-E)
- 720x480 Resolution(31-E)
- NETD < 50 mk @ F1.0
- Trend Micro IoT Security
- IP66/IP67/IK10/NEMA 4X
- -50°C ~ 60°C

Speed Dome



S SD9364-EHL-v2

- 2MP 60fps, 30x, 150M IR
- WDR Pro
- Smart IR II
- IP66/IK10/NEMA 4X
- -50°C ~ 55°C



S SD9366-EH-v2

- 2MP 60fps, 30x, 250M IR
- H.265/H.264/MJPEG
- WDR Pro
- Smart IR II
- IP66/IK10/NEMA 4X
- Wiper
- -50°C ~ 55°C



S SD9374-EHL

- 4MP 30fps, 36x, 250M IR
- H.265/H.264/MJPEG
- WDR Pro
- Smart IR II
- IP66/IK10/NEMA 4X
- -40°C ~ 60°C

Zoom Bullet



S IZ9361-EH

- 2MP, 20x, 150M IR
- H.265/H.264/MJPEG
- WDR Pro
- Smart IR II
- IP67, IK10, NEMA 4X
- -50°C ~ 60°C

Wide Temperature Solution

87 Series



IB9387-EHT

- 5MP, 2.7~13.5 mm, P-iris
- SNV, WDR Pro
- 50M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C



FD9387-EHTV

- 5MP, 2.7~13.5 mm, P-iris
- SNV, WDR Pro
- 50M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C

89 Series



IB9389-EH

- 5MP, 3.6 mm
- SNV, WDR Pro
- 30M IR, Smart IR
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C



FD9389-EHV

- 5MP, 2.8 mm
- SNV, WDR Pro
- 30M IR, Smart IR
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C

Mobile Dome



MD8564-EH

- 2MP, 6 mm
- 30M IR
- WDR Pro
- -40°C ~ 70°C
- IP6K9K, IK10+, EN50155 TX
- M12 Connector

Industrial Unmanaged PoE Switch



AW-IHT-0602

- 4xFE PoE M12 + 2xFE M12 Ports
- -40°C ~ 75°C
- Compact Size

Long-Range IP Surveillance

Extend Your Boundary



PoE Switch

Outdoor



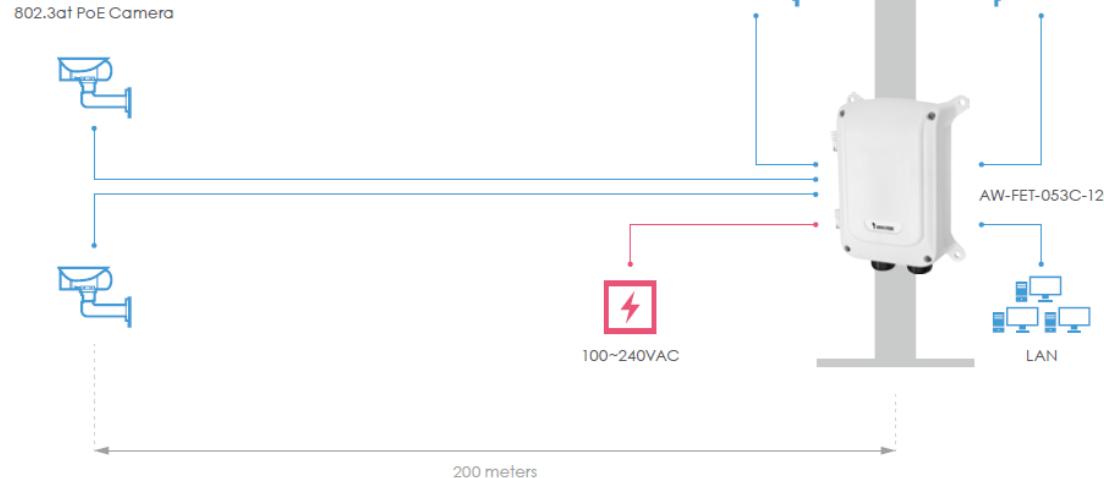
AW-GEU-086A-240

- 4xGE UPoE + 2xGE UTP + 2xGE SFP + 1xRJ45 Console
- 240W
- IP67, IK10
- -40°C ~ 65°C



AW-FGT-103C-250

- 8xFE PoE + 2xGE Combo FE Unmanaged PoE Switch
- Extend PoE up to 200M @ 10 Mbps (EX Mode)
- Surge Protection
- IP67/IK10



Long Range Extender

EPoC Extender up to 1.2km



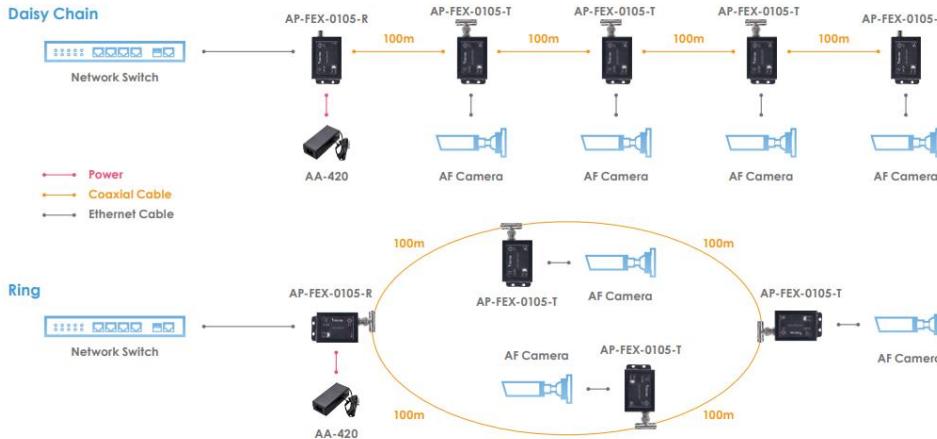
**AP-FEX-0100-R/
0105-R/0105-T/0200-T**

- 1-Port EPoC PoE in Rx Extender (0100-R)
- 1-Port EPoC Rx Extender (-0105-R)
- 1-Port EPoC Tx Extender (-0105-T)
- 2 Ports EPoC Tx Module (-0200-T)



AP-FEX-0150-T/0250-T

- Outdoor 1-Port EPoC Tx Extender (0150-T)
- Outdoor 2-Port EPoC Tx Extender (0250-T)
- IP67/IK10



PoE Extender up to 300m



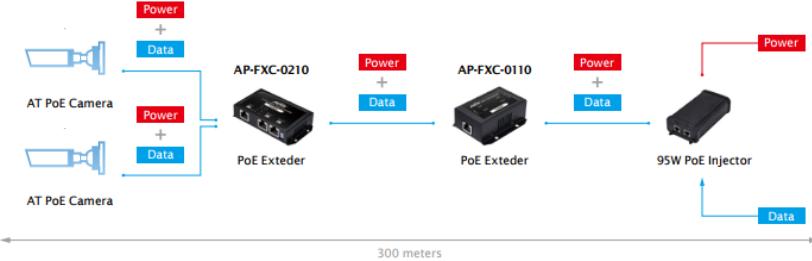
AP-FXC-0110/0210/0400

- 1-Port FE PoE Extender (-0110)
- 2-Port FE PoE Extender (-0210)
- 4-Port FE PoE Extender (-0400)



AP-FXC-0160/0260

- Outdoor 1xFE PoE Extender (-0160)
- Outdoor 2xFE PoE Extender (-0260)
- IP67/IK10



Long Range Extender

Hyper Extender up to 1.2km



AP-FHP-0100

- 1 Port Hyper PoE Rx Module, PoE input



AP-FHP-0105-R

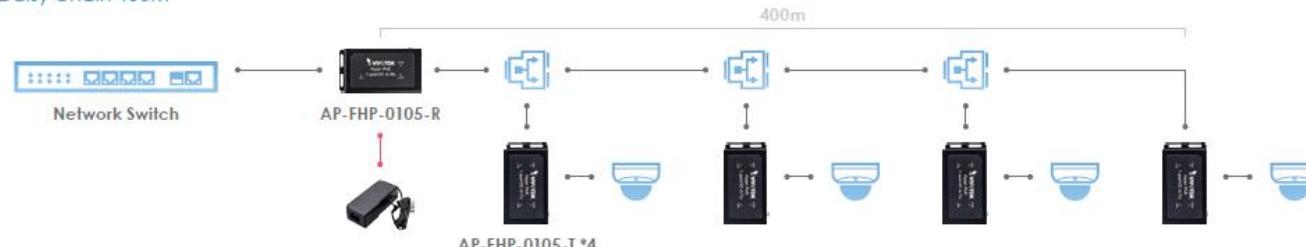
- 1 Port Hyper PoE Rx Module



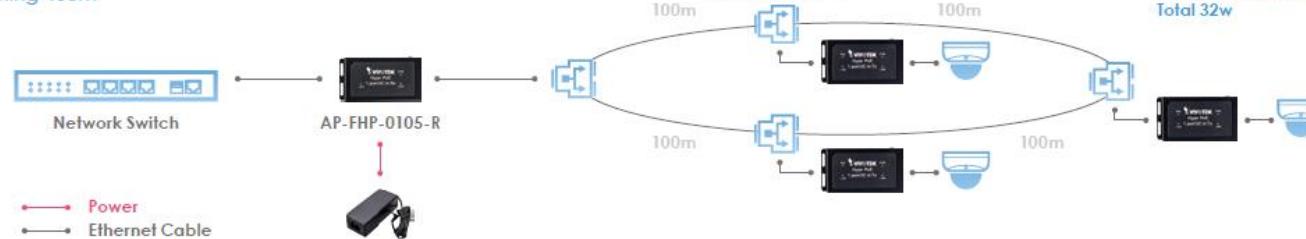
AP-FHP-0105-T

- 1 Port Hyper PoE Tx Module

Daisy Chain 400M



Ring 400M



AIoT Surveillance Solution

Empowering AI on Surveillance Systems

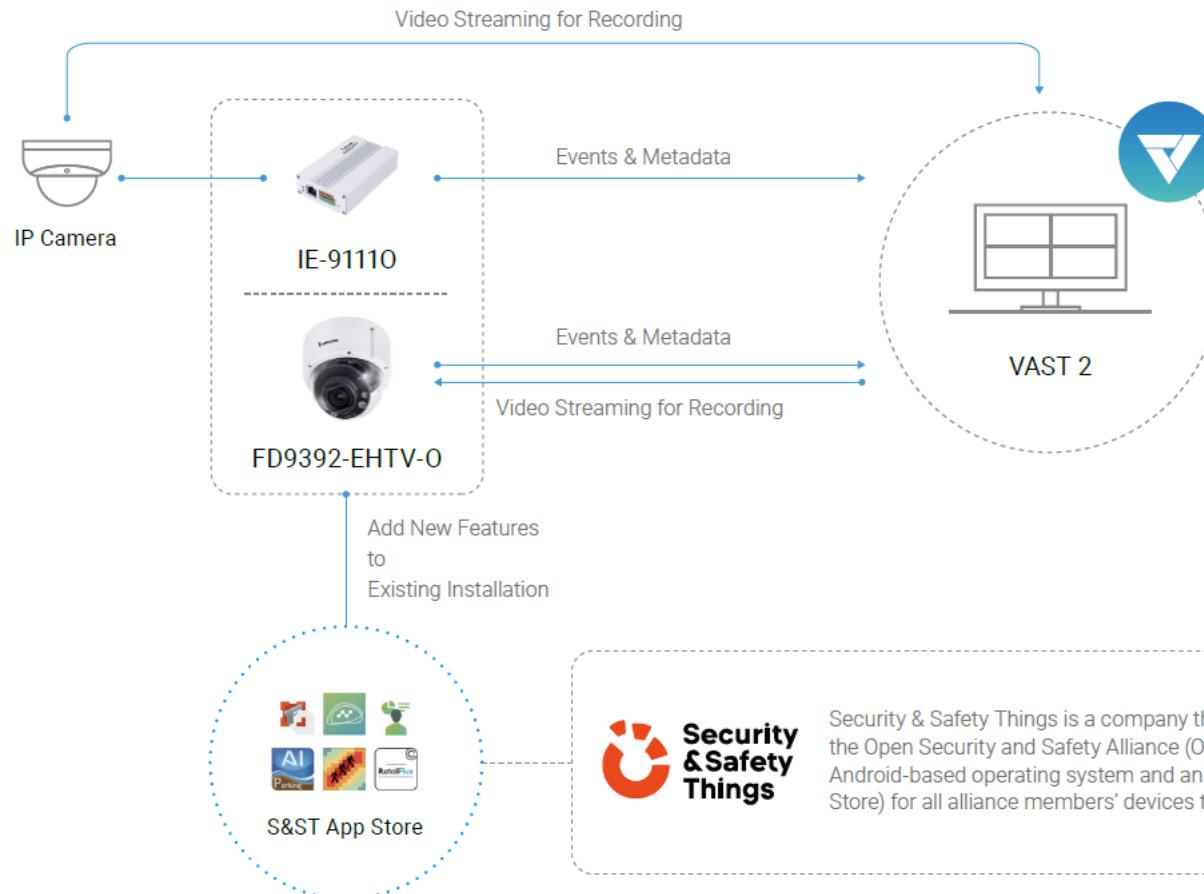


Open Security & Safety Alliance (OSSA)



VIVOTEK debuts its iNSIGHT series solutions driven by the Open Security & Safety Alliance. OSSA® is founded by VIVOTEK and 4 leading companies in IP surveillance industry. The iNSIGHT series solutions represent the future of implementing an open platform in physical surveillance products, enabling system integrators, software application developers and users to cooperatively create in an open, efficient, and intelligent AI video age.

Architecture

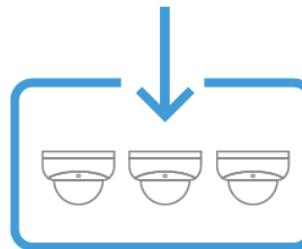


Hasten your Time to Market with Ease



Reduce development time

Eliminates the need to develop apps individually for specific cameras. You can now simply install diverse apps from the S&ST App Store.



Deploy AI technologies on demand

Discarding the difficulties of development, you can now pick the right apps that fulfill your needs from the App store, discover the world of AI technology anytime, and remove them on demand.



Secure your systems anytime, anywhere

All the OSSA devices and Apps are certified to assure cybersecurity, protecting your data & privacy. The database & new features can be updated online.

OSSA compliant Series – inSIGHT

AI-Box



IE9111-O



IE9111-O (M12)

- Qualcomm Powerful AI Engine
- Supports S&ST Apps/ App Store(OS based on ASOP, Android Open Source Project)
- Supports All VIVOTEK IP Cameras
- RJ-45, PoE, DI/DO x2
- EN50155, EN45545-2
- Integrated w/ ONVIF Metadata & VIVOTEK VAST2 Data Magnet

8MP Outdoor Dome



FD9392-EHTV-O

- Qualcomm Powerful AI Engine
- Supports S&ST Apps/ App Store(OS based on ASOP, Android Open Source Project)
- 8MP, 3.9~10 mm, P-iris
- 50M IR
- -50°C ~ 60°C (IR off)
- IP66/IP67/IK10
- Integrated w/ ONVIF Metadata & VIVOTEK VAST2 Data Magnet

inSIGHT

intelligence & Sight

 Driven by
OSSA

Applications



Pantograph
Security



Face Mask
Detection



Retail
(Counting / Heatmap)



PPE
Inspection



Seat-Occupancy
Detection



Gun
Detection



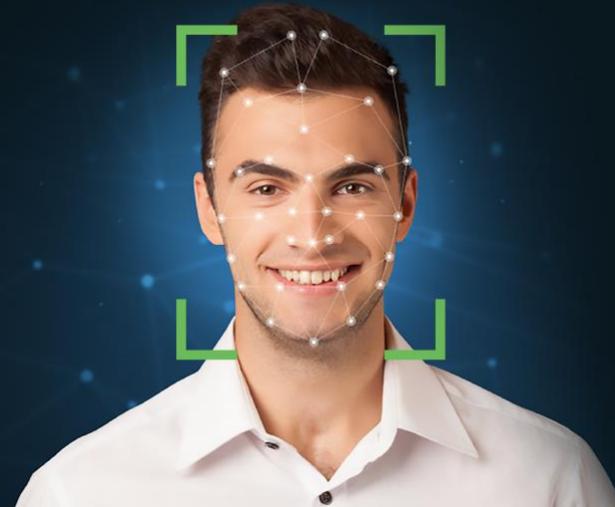
Fire and Smoke
Detection

Facial Recognition Solutions

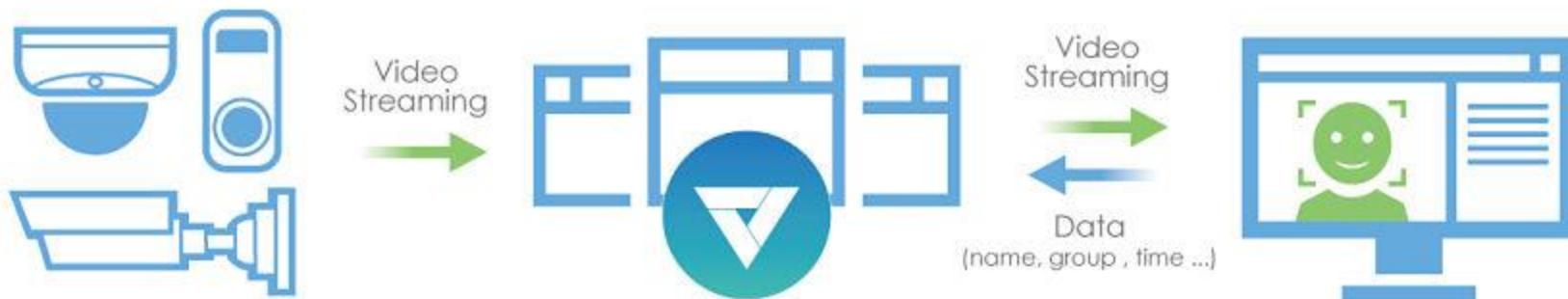
Intelligence Surveillance Solution



Facial Recognition Solution



Facial Recognition on VAST 2



VIVOTEK
Network Cameras
Capture Video

VIVOTEK
Video Management Software
Data Management

3rd Party
Facial Recognition Software
Face Recognition

Benefit of Facial Recognition Solutions



Variety of Options



Easy Integration



Live View & Search



Instant Alarm



Smart Factory



Smart Campus



Smart Retail



Smart Building

Comprehensive Product Portfolio

Advanced Technologies

- Cybersecurity Management Solution
- VIVOTEK VCA:
 - Stereo People Counting
 - Smart Motion Detection
 - Smart VCA
 - Smart Tracking
- Advanced Technologies:
 - Bandwidth Optimization – Smart Stream III
 - Superior Low-Light Performance – Smart IR II, SNV II



Highlighted Product Lines

- 360° Fisheye Network Cameras
- 180° Panoramic Network Cameras
- Multi-Sensor Network Cameras
- Thermal Bullet Network Cameras
- Speed Dome Network Cameras
- Mobile Dome Network Camera
- Superior Network Cameras
- Mini-Size Network Cameras
- Standard Network Cameras

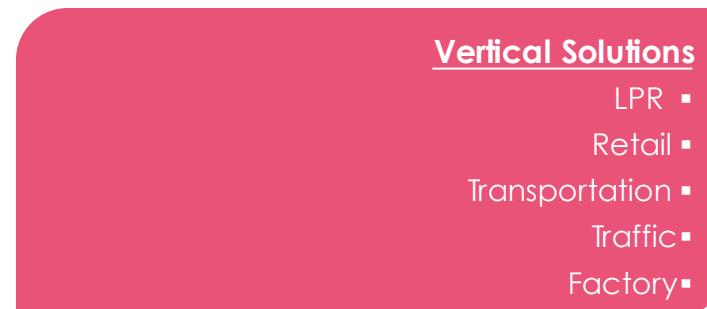


Complete Product Lines

- NVR ▪
- CMS Station ▪
- Video Server ▪
- Video Receiver ▪
- PoE Solution ▪
- Accessory ▪
- Software ▪
- Cloud Service ▪

Application Solutions

- Wide Temperature ▪
- Long-Range ▪
- AIoTSurveillance ▪
- Facial Recognition ▪



Vertical Solutions

- LPR ▪
- Retail ▪
- Transportation ▪
- Traffic ▪
- Factory ▪

Vertical Solutions

Fulfill A Wide Range of Real World Needs



License Plate Recognition (LPR)

High Reliable Capture License Plate for Traffic Monitoring



License Plate Recognition Cameras

Embedded LPR - Stop & Go



NEW

IB9365-LPR



IB9387-LPR

- Supports license plate from 70+ countries
- White and black lists for license plate verification
- Centralized list management in single camera
- Various open APIs are available for 3rd party integration
- Fully Integrated with VAST 2 VMS

Embedded LPR Kit - Urban



i-CS

NEW

IP9165-LPR Kit (Street)
IP9165-LPR Kit (Street, i-CS)

- Capture Vehicle Speed up to 60MPH (90km/hr)
- Combine linked camera's snapshot for evidence purpose
- Supports license plate from 70+ countries
- White and black lists for license plate verification
- Centralized list management in single camera
- Various open APIs are available for 3rd party integration
- Fully Integrated with VAST 2 VMS

VMS



Onvif

VAST 2

- Live View & Recording
- License Plate Recognition Solution
- Smart Search II
- Smart VCA Event Search
- Cybersecurity Management Solution

CMS Station



NS9521

- H.265/H.264
- 32-CH, Up to 64CH (by license purchasing)
- 2x HDD
- Windows AD
- VAST 2 Inside
- Smart Search II
- LPR Integration

License Plate Capturing Cameras

LPC Kit - Street



- S** IP9165-LPC Kit (Street)
- S** IP9165-LPC-A Kit (Street)
- S** IP9165-LPC-A Kit (Street, i-CS)

- 60MPH (90 km/h)
- Scene Overview & LPC View
- Dual Lanes
- Remote Back Focus, P-iris (i-CS/DC-iris reserved)/i-CS (P/DC-iris reserved)
- Headlight Filter Design
- External IR Illuminator (CM4818-2040/AI-109)

LPC Kit - Street



- S** IP9165-LPC Kit (Highway)
- S** IP9165-LPC Kit (Highway, i-CS)

- 110MPH (180 km/h)
- Scene Overview & LPC View
- Dual Lanes
- Remote Back Focus, P-iris (i-CS/DC-iris reserved)/i-CS (P/DC-iris reserved)
- Headlight Filter Design
- External IR Illuminator (CA8018-2040)

LPC Kit - Highway



- S** IP9172-LPC (Freeway)

- 155MPH (250 km/h)
- Automatic Exposure Bracketing Function (AEB)
- Global Shutter Camera and Pulsed Mode IR Illuminator
- Dual Lanes
- Supreme Anti-Glare Capability
- Pre-Assembled LPC Kit for Easy Installation

2MP



- S** IB9365-HT

- 2MP, 60 fps
- Remote Focus
- SNV II, WDR Pro II
- Capture Vehicle Speed up to 25MPH (40 km/hr)

- S** IP9165-LPC

- 2MP, 60 fps
- H.265 + Smart Stream III
- Remote Back Focus, i-CS reserved
- SNV II, WDR Pro II
- Snapshot Focus
- Capture Vehicle Speed up to 110MPH (180 km/hr)

3MP



- IP9171-HP**

- 3MP, 30 fps
- H.265 + Smart Stream III
- Remote Back Focus
- SNV, WDR Pro
- Snapshot Focus

4K



- S** IP9191-HP/HT

- 30 fps @ 3840x2160
- 120 fps @ 1920x1080
- P-iris (-HP), i-CS (-HT)
- H.265 + Smart Stream III
- Remote Back Focus
- SNV, WDR Pro
- 2-way Audio

3rd Party LPR/ALPR Software Partners



asura



Manufacturer
Alliance
Partner

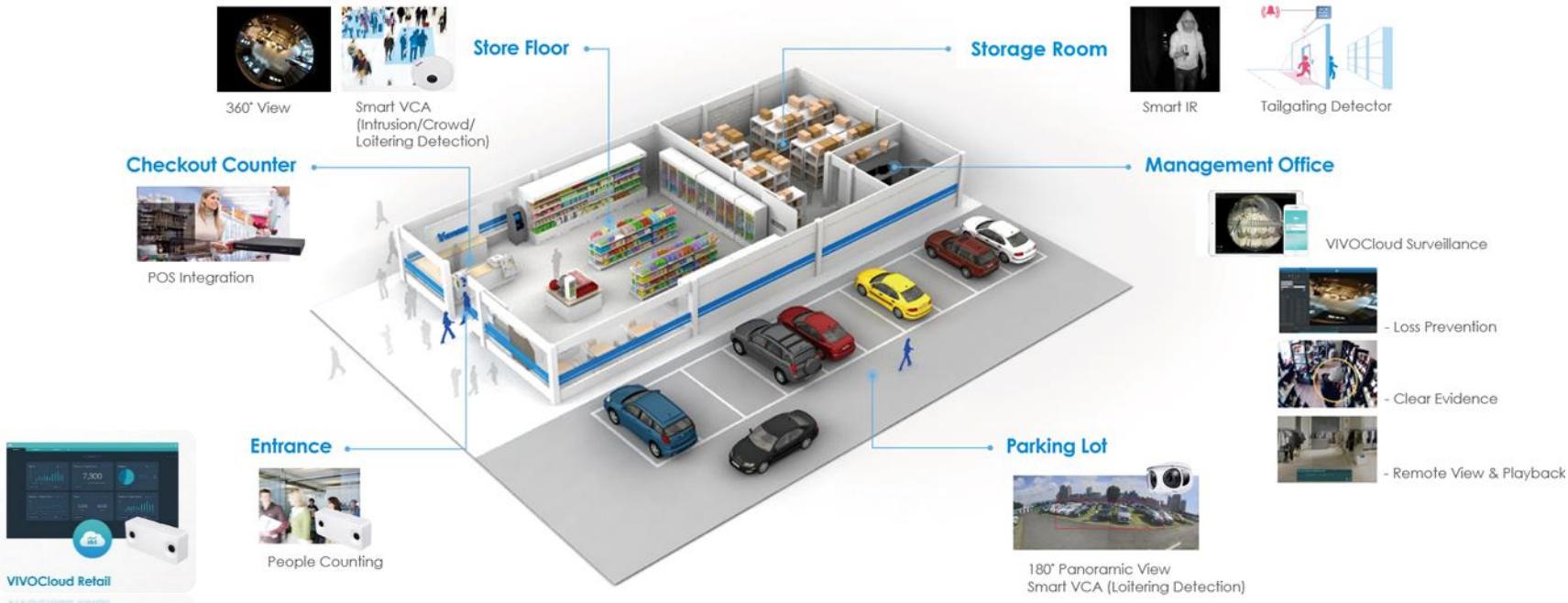


TT SMART VISION CO., LTD.

Retail

Surveillance to Grow Your Business

- Upgrade Security with Reliable IP Surveillance
- High Accuracy Smart-edge Devices
- Extended Integration with 3rd Software Partners



Retail Solution

Smart Retail



S SC8131

- Stereo People Counting
- High Accuracy
- Smart-edge Device



S FE9191

- 12MP 360° Surround View
- Smart VCA
- Trend Micro IoT Security
- Smart-edge Device

IMMERVISION
H.265
WDR

Surveillance



FE9180-H

- Cloud-based Solution
- 5MP 360° Surround View
- Compact Size

H.265
WDR



FE8182

- Cloud-based Solution
- Recessed mount,
- 5MP 360° Surround View
- Compact Size

Surveillance



H.265
WDR
NEW

FD9166-HN

- Cloud-based Solution
- Ultra-mini Dome Camera
- 2MP, Invisible IR
- Compact Size

POS Integration



H.265
core+
4K Display

ND9322P-v2/ND9424P-v2

- H.265 8/16-CH PoE NVR, 2x HDD
- POS Integration
- Fisheye Dewarp
- Core+ 3.0: Cybersecurity Management, Smart VCA
- Event Search, Smart Search II, Counting Solution

Cloud Service



VIVOCloud Retail

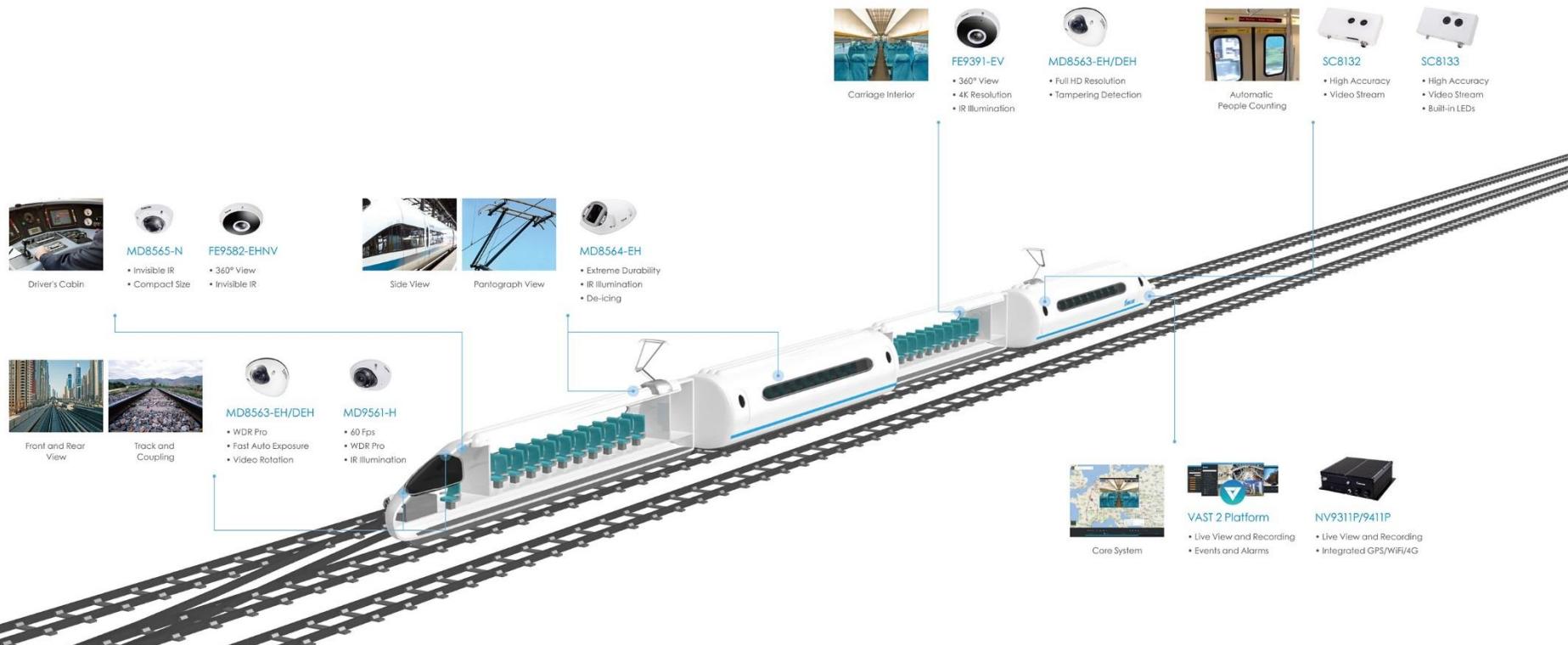
- Stereo People Counting Report
- 2-year Counting Data Storage

Transportation

Public Transit Surveillance Expert



- High Reliability and Rugged Design
- Industry Standards and Certifications



Transportation Solution

Mobile Dome - 2MP



S series
MD8564-EH

WDR



S series
MD9560-H

H.265
WDR



S series
MD9560-DH

H.265
WDR



S series
MD9561-H

H.265
WDR

- 2MP, 6 mm
- 30M IR
- WDR Pro
- -40°C ~ 70°C
- IP66, IP67, IK10, NEMA 4X, EN50155, EN45545
- M12 Connector

- 2MP, 2.8/3.6 mm
- WDR Pro
- 20M IR
- IP66, IP67, IK10, NEMA 4X, EN50155, EN45545
- M12 Connector

- 2MP, 2.8 mm
- WDR Pro
- 20M IR
- IP66, IP67, IK10, NEMA 4X, EN50155, EN45545
- M12 Connector
- DC Power

- 2MP 60fps, 2.8/3.6 mm
- WDR Pro (120 dB)
- 30M IR
- -40°C ~ 55°C
- IP66, IP67, IK10, NEMA 4X, EN50155, EN45545
- M12 Connector

Mobile Dome - 5MP



S series
MD9581-H

H.265
WDR



S series
MD9582-H

NEW
WDR

- 5MP 30fps, 2.8/3.6 mm
- WDR Pro (120 dB)
- 25M IR
- -40°C ~ 55°C
- IP66, IP67, IK10, NEMA 4X, EN50155, EN45545
- M12 Connector

- 5MP 30fps 2.8/3.6mm
- WDR Pro (120dB)
- 20M IR
- -40°C~70°C
- IP66, IP67, IK10, NEMA 4X, EN50155, EN45545
- M12 connector

Transportation Solution

360° Fisheye



H.265
WDR

S FE9582-EHNV

- 5MP, f = 1.47 mm
- WDR Pro
- 360° 10M IR
- -40°C ~ 55°C
- M12 Connector
- IP66/IK10/EN50155/EN45545



IMMERVISION
enabled
H.265
WDR

S FE9391-EV

- 12MP 360° Panomorph View
- 360° 20M IR
- Smart IR II
- WDR Pro
- Smart VCA
- IP66/IK10/EN50155

Stereo People Counting



S SC8132/8133

- Smart-edge Camera
- 3D Depth Technology
- High Accuracy
- Configurable Counting Rule
- Built-in White LEDs (SC8133)
- Install Height: 190-240cm
- IK10/EN50155

VMS



VAST 2

- Live View & Recording
- GPS Data Integration
- Mobile NVR Event Integration
- Google Map Support
- OSM Map Support

Mobile NVR



S NV9311P/NV9411P

- 8/16-CH, 1x HDD
- 1080p x16CH
- 8 x PoE
- Fisheye Dewarp
- HDMI/VGA, 4K Local Display
- Built-in GPS, G-sensor
- WiFi & LTE (Optional)
- EN50155/ MIL-STD-810G

Industrial Unmanaged PoE Switch



AW-IHT-0602

- 4xFE PoE M12 + 2xFE M12 Ports
- PoE Total 120W
- DC 24V-56V
- -40°C ~ 75°C

Traffic

Real-Time, Intelligent, Secure Traffic Monitoring

- Reliable and Clear LPC (License Plate Capturing) Monitoring
- Stand-alone LPR (License Plate Recognition) System
- High Quality Image with Wide Coverage

Free Flow

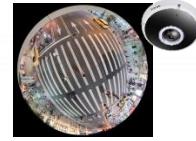


250 km/h



360° View

Intersection



360° View

Tunnel



180 km/h



Detail View

Expressway/Highway



180 km/h



Detail View

Stop & Go/Parking



30 km/h

Urban Street



90 km/h



Red Light Enforcement



180 km/h
250 km/h

Traffic Solution

Embedded LPR



Coming Soon

IB9387-LPR
S **IB9365-LPR**

- Supports license plate from 70+ countries
- White and black lists for license plate verification
- Centralized list management in single camera
- Various open APIs are available for 3rd party integration
- Fully Integrated with VAST 2 VMS

12MP 360°



IMMERVISION
H.265
WDR

S **FE9391-EV**

- 360° Panomorph View
- 12MP CMOS Sensor
- H.265 + Smart Stream III
- 30 fps @ 2816x2816
- 360° 20M IR, Smart IR II
- WDR Pro
- Smart VCA
- EN50155, Outdoor-ready

LPC Kit - Street



S **IP9165-LPC Kit (Street)**
S **IP9165-LPC-A Kit (Street)**
S **IP9165-LPC-A Kit (Street, i-CS)**

- **60MPH (90 km/h)**
- Scene Overview & LPC View
- Dual Lanes
- Remote Back Focus, P-iris (i-CS/DC-iris reserved)/i-CS (P/DC-iris reserved)
- Headlight Filter Design
- External IR Illuminator (CM4818-2040/AI-109)

LPC Kit - Highway



S **IP9165-LPC Kit (Highway)**
S **IP9165-LPC Kit (Highway, i-CS)**

- **110MPH (180 km/h)**
- Scene Overview & LPC View
- Dual Lanes
- Remote Back Focus, P-iris (i-CS/DC-iris reserved)/i-CS (P/DC-iris reserved)
- Headlight Filter Design
- External IR Illuminator (CA8018-2040)

LPC Kit - Freeway



S **IP9172-LPC (Freeway)**

- **155MPH (250 km/h)**
- Automatic Exposure Bracketing Function (AEB)
- Global Shutter Camera and Pulsed Mode IR Illuminator
- Dual Lanes
- Supreme Anti-Glare Capability
- Pre-Assembled LPC Kit for Easy Installation

4MP IR PTZ



S **SD9374-EHL**

- 4MP, 36x, 250M IR
- WDR Pro
- Smart IR II
- Smart Tracking
- IP66/IK10/NEMA4X

VMS



VAST 2

- Live View & Recording
- License Plate Recognition Solution
- Smart Search II
- Smart VCA Event Search
- Cybersecurity Management Solution

Factory

Surveillance for Security and Productivity

- Reliable Multi-layer Protection Solution
- Optimal Production and Logistic Line Management

Warehouse



Smart IR II
Intrusion Detection
Missing Object Detection

Production Area



Panoramic PTZ
Intrusion Detection
Unattended Object Detection

Logistics



Packing line Monitoring
Loading Dock Monitoring
Entrance Access Control

Management Center



NVR
VAST 2 VMs
Cloud Service - VIVOCLOUD

Perimeter, Open Area, Facilities



Perimeter Protection
Open Area Protection
Facility Protection

Entrance & Exit



License Plate Recognition

Factory Solution

Thermal



H.265

TB9330-E

- Infrared Thermal Image
- 384x256 Resolution
- f = 8.8/19/35/50mm
- NETD < 50 mk @ F1.0
- Trend Micro IoT Security
- IP66/IP67/IK10/NEMA 4X



H.265

TB9331-E

- Infrared Thermal Image
- 720x480 Resolution
- f = 8.8/19/35/50mm
- NETD < 50 mk @ F1.0
- Trend Micro IoT Security
- IP66/IP67/IK10/NEMA 4X

Embedded LPR



IB9387-LPR



IB9365-LPR

12MP 360°



IMMERVISION
envison[®]
H.265
WDR

FE9191

- 360° Panomorph View
- 12MP CMOS Sensor
- H.265 + Smart Stream III
- 30 fps @ 2816x2816
- WDR Pro
- Smart VCA



IMMERVISION
envison[®]
H.265
WDR

FE9391-EV

- 360° Panomorph View
- 12MP CMOS Sensor
- H.265 + Smart Stream III
- 30 fps @ 2816x2816
- 360° 20M IR, Smart IR II
- WDR Pro
- Smart VCA
- EN50155, Outdoor-ready

5MP 180°



H.265
SNV
WDR

CC9381-HV

- H.265/H.264/MJPEG
- 180° 15M IR
- WDR Pro, SNV
- Built-in Mic
- Outdoor-ready

8MP 180°



H.265
SNV
WDR

MS9390-HV

- 8MP, Lens x2
- 20M IR
- WDR Pro, SNV
- Smart Motion Detection, Smart VCA
- 20° Lens Tilt
- Outdoor-ready

Factory Solution

8MP

Indoor PTZ

Outdoor IR PTZ



S **IB9391-EHT**

- 8MP 30 fps/ 2MP 120 fps
- SNV, WDR Pro
- 50M IR, Smart IR II
- Smart Motion Detection
- Smart VCA
- Trend Micro IoT Security
- -50°C ~ 60°C
- IP66/IP67/IK10/NEMA 4X



S **SD9161-H**

- 2MP, 10x
- WDR Pro



S **SD9374-EHL**

- 4MP, 36x, 250M IR
- WDR Pro
- Smart IR II
- Smart Tracking
- IP66/IK10/NEMA 4X

NVR



ND9441/ND9541P

- 16/32-CH, 4x HDD
- H.265/H.264/MJPEG
- Dual LAN
- Fisheye Dewarp
- HDMI/VGA



S **NR9682-v2/9782-v2**

- 64/128-CH, 16x HDD
- RAID 0, 1, 5, 6, 10
- Dual LAN
- Fisheye Dewarp
- HDMI/DP/DVI Local Display
- VAST 2 Inside
- Smart Search II

Cloud Service



VIVOCloud

- Remote Monitoring
- Instant Push Notification
- Timeline Playback

VMS



OnVIF

VAST 2

- Live View & Recording
- License Plate Recognition Solution
- Smart VCA Event Search
- Cybersecurity Management Solution



Thank you
for your attention

