

# 2025 CPRO SECURITY SOLUTIONS

# AI

2025 CPRO SECURITY SOLUTIONS

VER. 2503



DEEP LEARNING BASED AI CAMERA



MULTI SENSOR



4K



SPEAKER FLASHING LIGHT



IR REFLECTION FREE



NDA & TTA



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MADE IN **KOREA**







## Technological innovation based on 29 years of CCTV security experience

Since 2013, through the development of IP cameras equipped with Ambarella chips, we have lined up a lineup of intelligent cameras optimized for various situations, from special lines such as Multi Sensor, 4K, Fisheye, and PTZ to general lines. We are leading the global video security technology by launching an edge-based AI deep learning intelligent video analysis camera.



## Contents



















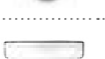











CPRO	02
Naming Rule	04
Product Line Up	06
AI Camera	09
<b>Key Product</b>	
Surround	12
Predator	14
Twins	16
Siren	18
Dual Thermal	20
Junction	22
Eyeview	24
Fisheye	26
Turret	28
Pinhole	30
Coner	32
30X PTZ	34
Dome	36
Bullet	38
CPRO Group	40
AI Camera	42
IP Camera	44
Accessories	46
Global Capability	50



# NAMING RULE

## Housing

IRF : IR Reflection Free

 <b>VM9</b> 4 Sensor Surround VF IR Dome (IRF) SURROUND III	 <b>SF3</b> Fisheye IR Bullet (IRF) EYEVIEW III	 <b>VD1</b> IR Turret (IRF) TURRET I	 <b>VD7</b> Mini IR Dome SPACE V
 <b>VM5</b> 4 Sensor Surround VF Dome SURROUND II	 <b>VF10</b> Fisheye IR Dome (IRF) FISHEYE	 <b>VD2</b> IR Turret (IRF) TURRET II	 <b>VD6</b> Mini IR Dome (IRF) SPACE VI
 <b>VM6</b> 4 Sensor Panorama Dome PREDATOR II	 <b>VF13</b> Fisheye IR Dome (IRF) FISHEYE II	 <b>VD3</b> IR Turret (IRF) TURRET III	 <b>ST17</b> Speaker/Flashlight (IRF) SIREN
 <b>VM7</b> 2 Sensor IR Dome TWINS	 <b>ST10</b> Height Strip PINHOLE II	 <b>NK6</b> Junction Box IR Dome (IRF) NUCLUS	 <b>BT8</b> Junction Box IR Bullet (IRF) JUNCTION BULLET
 <b>VM8</b> 2 Sensor Mini IR Dome TWINS II	 <b>ST11</b> Door jamb PINHOLE III	 <b>NK7</b> Junction Box IR Dome (IRF) JUNCTION DOME	 <b>BT7</b> VF IR Bullet DOLCE III
 <b>VM20</b> 2 Sensor IR Dome (IRFD) TWINS III	 <b>ST16</b> Remote Head PINHOLE	 <b>VD15</b> VF IR Dome SPACE VII	 <b>BT5</b> VF IR Bullet DOLCE III
 <b>BM3</b> 2 Sensor Thermal IR Bullet DUAL THERMAL	 <b>ST19</b> Corner IR Dome (IRF) CORNER	 <b>VD13</b> VF IR Dome SPACE IX	 <b>BT6</b> VF IR Bullet (IRF) FIESTO II
 <b>BM8</b> 2 Sensor Junction Box IR Bullet Dual Junction BULLET	 <b>PX5</b> 30X PTZ IR (IRF) ENDLESS III	 <b>VD10</b> Flat IR Dome (IRF) SPACE VIII	 <b>BI2</b> VF IR Bullet (IRF) FIESTO I
 <b>SF1</b> Fisheye IR Bullet (IRF) EYEVIEW	 <b>PX10</b> REPOSITIONING PTZ IR (IRF) ENDLESS IIII	 <b>VD9</b> VF IR Dome SPACE V	 <b>BH1</b> Thermal Mini Bullet FEVER
 <b>SF2</b> Fisheye IR Bullet (IRF) EYEVIEW II	 <b>VD11</b> IR Turret GENIUS	 <b>VD8</b> IR Dome SPACE IV	 <b>CB2</b> VF Box INTELLIO

Example : **NST17-78-RA**



<b>N</b>	<b>ST17</b>	<b>7</b>	<b>8</b>	<b>RA</b>
System Network	Housing Siren	Chip Seires7	Resolution 8M	Function Alarm Siten

## System

<b>N</b>	Network
<b>C</b>	Coaxial Analog
<b>D</b>	Coaxial Digital
<b>W</b>	Wi-Fi
<b>M</b>	Miscellaneous

## Housing

- Dome		- Bullet	
<b>VM</b>	Multi sensor	<b>BM</b>	Multi sensor
<b>VF</b>	Fisheye	<b>BH</b>	Thermal
<b>NK</b>	Junction VD	<b>BT</b>	MFZ / Fixed
<b>VD</b>	Outdoor	<b>BI</b>	Fixed
<b>VP</b>	Indoor		
- PTZ		- Box	
<b>PX</b>	Zoom	<b>CB</b>	Box
- Special		- NVR	
<b>ST</b>	Miscellaneous	<b>NV</b>	NVR
<b>SF</b>	Fisheye		

## Chip

<b>0</b>	Miscellaneous
<b>Q</b>	Eyenix
<b>Z</b>	Novatek
<b>1</b>	Series 1
<b>2</b>	Series 2
<b>3</b>	Series 3
<b>4</b>	Series 4
<b>5</b>	Series 5
<b>6</b>	Series 6
<b>7</b>	Series 7
<b>7L</b>	Series 7
<b>9</b>	Series 9

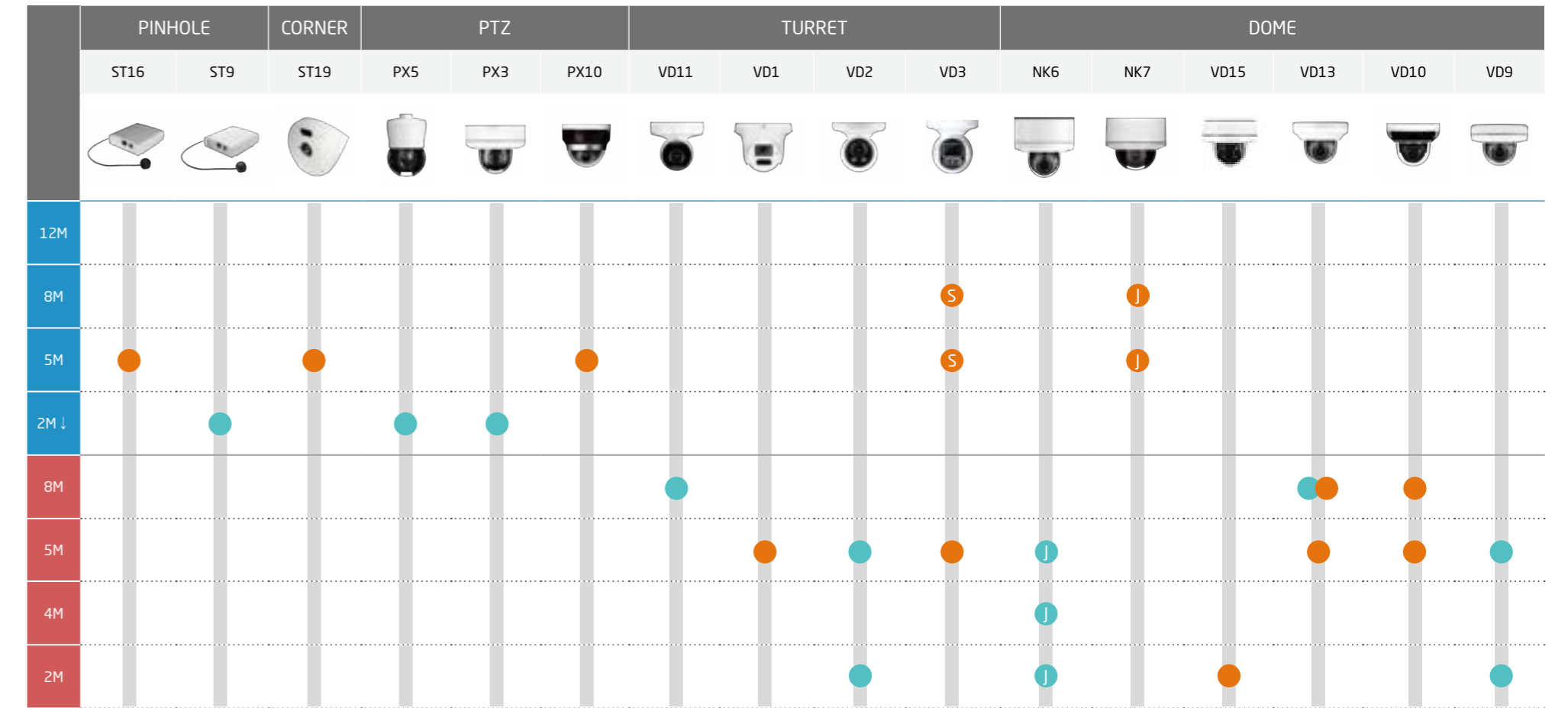
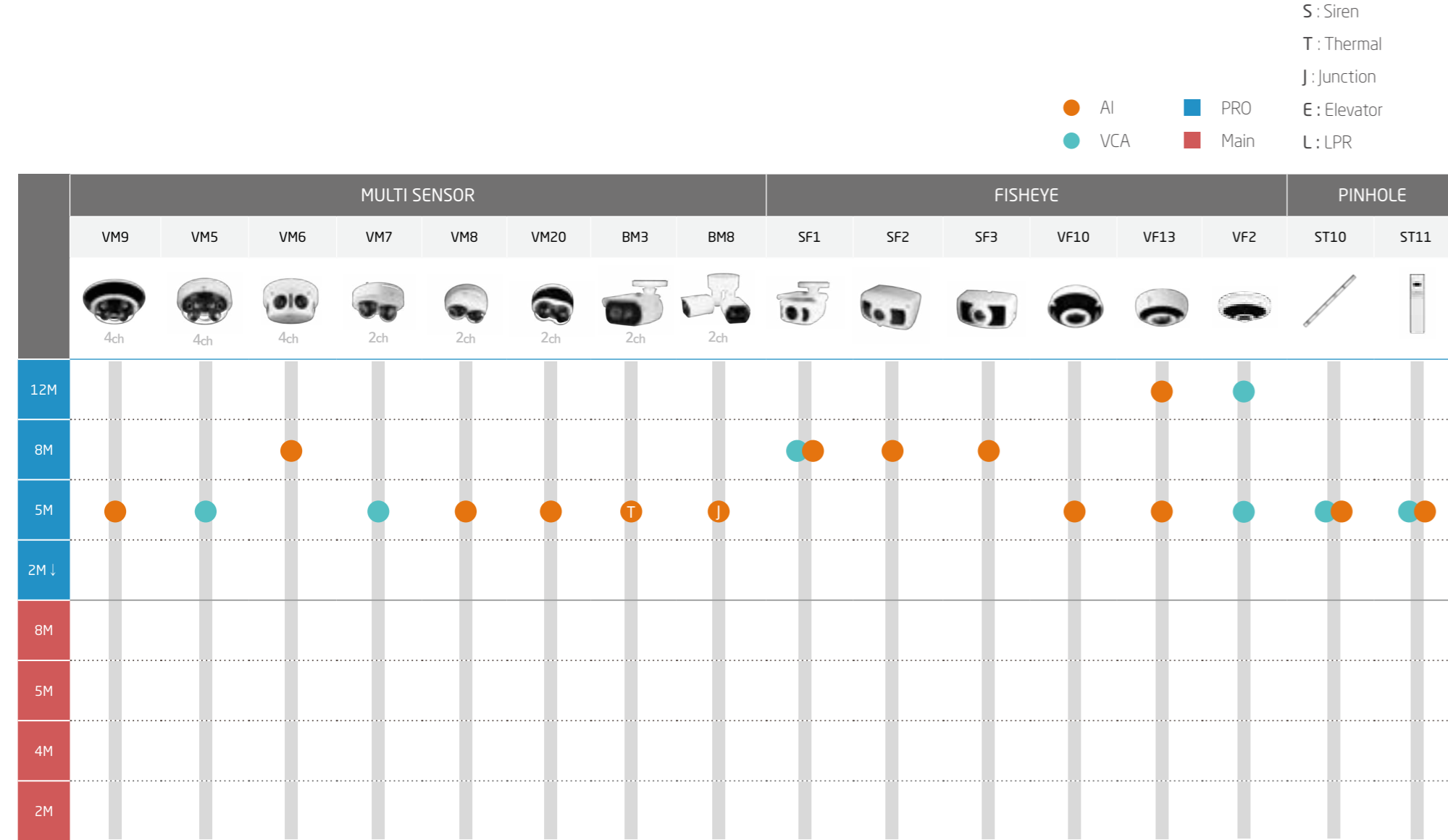
## Resolution

<b>0</b>	1MP ↓
<b>2</b>	2MP
<b>3</b>	3MP
<b>4</b>	4MP
<b>5</b>	5MP
<b>6</b>	6MP
<b>8</b>	8MP
<b>10</b>	10MP
<b>12</b>	12MP
<b>16</b>	16MP
<b>20</b>	20MP
<b>21</b>	21MP
<b>32</b>	32MP

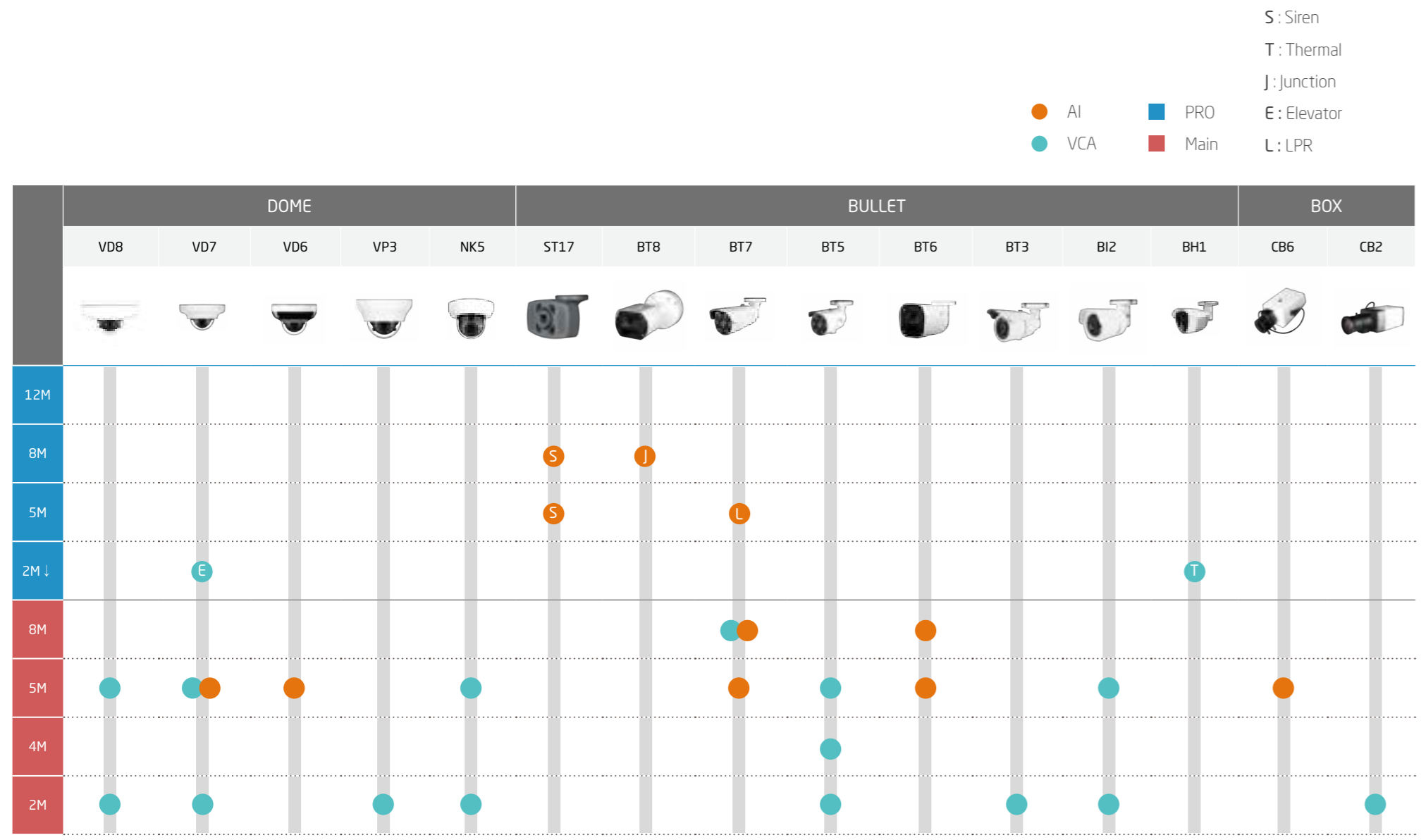
## Function

<b>R</b>	IR
<b>A</b>	Alarm Siren
<b>E</b>	Elevator
<b>F</b>	Fixed Lens
<b>L</b>	LPR
<b>S</b>	Special
<b>W</b>	White LED
<b>Z</b>	Zoom
<b>H</b>	HDMI
<b>T</b>	Thermal

# PRODUCT LINE UP



# AI CAMERA



S: Siren  
 T: Thermal  
 J: Junction  
 E: Elevator  
 L: LPR

AI (Orange dot)  
 VCA (Teal dot)  
 PRO (Blue square)  
 Main (Red square)



## Comprehensive line of cameras



### Deep Learning Object Tracker

Designed for accurate detection and tracking of people, vehicles and key objects in challenging environments



### ANPR & Vehicle Recognition

This technology enables efficient control by accurately extracting vehicle attributes such as manufacturer, model, color and vehicle type as well as detecting vehicle license plates.



### QR code

The AI camera reads QR code and send the data to the assigned system, enabling the complete tracking of the logistics and asset management delivery process.



### Deep Learning People Tracker

Designed to track people in situations where the camera field of view is relatively close. The Deep Learning People Tracker is providing the location of a person in the field of view.



### Face Recognition

This technology not only sends an alarm when it recognizes a face that matches a registered person, but it also enables you to expand your business by utilizing the extracted information such as age and gender.



### Counting

Accurately detects objects passing through a specific area in both directions. This enable precise analysis of movement patterns for people or vehicle, ensuring an accurate count of entries and exits.





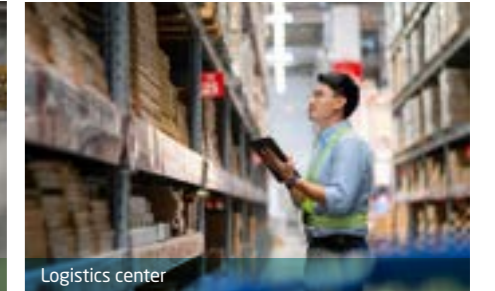
## ANPR & Vehicle Recognition

Based on plate recognition, manufacturer, brand, color, and other information of the car it is possible to manage the parking efficiently and illegal parking enforcement.



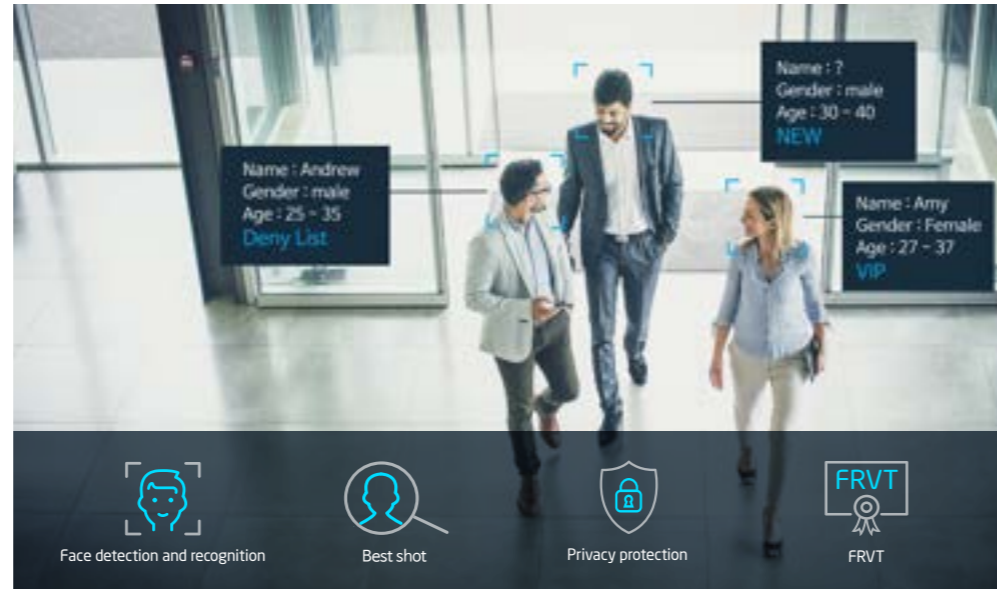
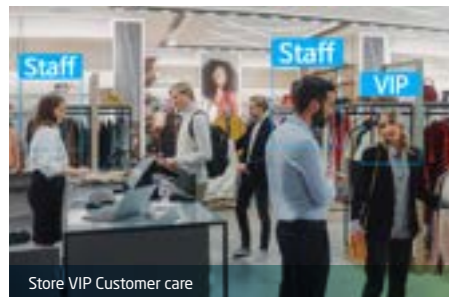
## QR Code

The AI camera reads QR code and send the data to the assigned system, enabling the complete tracking of the logistics and asset management delivery process.



## Face Recognition

To create the metadata with assigned event and property values when face is recognized in-real time video. This metadata could be used for store customer management and missing person tracking search management.



## Counting

Real time video analysis detects faces and generates metadata with associated events and attribute values. This data can be utilized for efficient customers management in retail environment and for tracking and searching missing individuals.

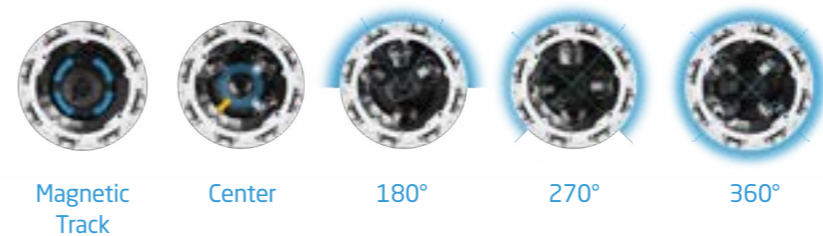




# AI TOTAL 20MP 4 SENSORS MFZ SURROUND IR DOME

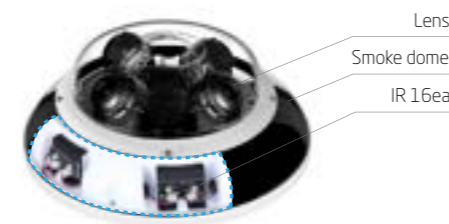
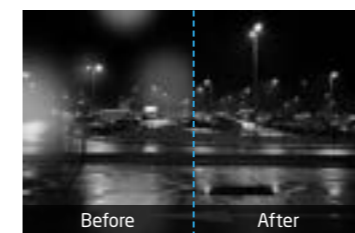


5MP 4CH  
TOTAL  
20MP



## Flexible Sensor Arrangement

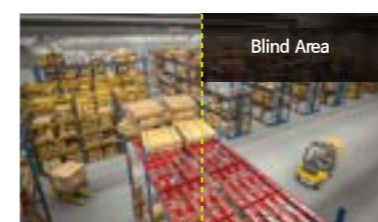
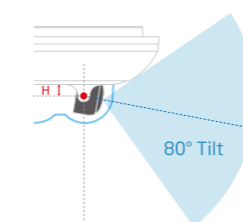
Easy to arrange 4 Magnetic Sensors through the Track. You can get Vertical Top View through Center Position, and 180°, 270°, or 360° View of video.



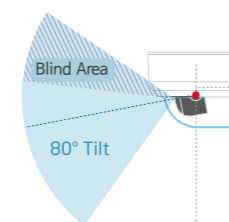
## Improving diffused reflection at night by separating lens and IR structure

A total of 16 IRs are used to provide clear image quality even at night. The IR and lens separated design solved the issue of diffuse reflection.

### Improved bubble



### Existing bubble



## Use of an aspheric hemispherical dome to minimize Blind area

By using an aspherical hemispherical dome, the Blind area is minimized.

## SURROUND



	Total 20MP MFZ Surround IR Dome NVM9-720-R	Total 20MP MFZ Surround Dome NVMS-520
Image Device	1/2.8" 5.69M CMOS x 4ch	1/2.8" 5.69M CMOS x 4ch
Total Pixels	2704(H) x 2104(V) x 4ch	2704(H) x 2104(V) x 4ch
Focal Length	2.8~8mm, F1.6 / Auto Exposure	2.8~8mm, F1.6 / Auto Exposure
MIN.Illumination	Color : 0.1Lux / BW : 0.1Lux with IR	Color : 0.1Lux / BW : 0.05Lux
Horizontal Angle	93° ~ 51°	93° ~ 51°
IR	H16IR	Non-IR
Day & Night	TDN (True Day & Night)	TDN (True Day & Night)
WDR	WDR(2x)	WDR(2x)
DNR	3D DNR	3D DNR
Video Compression	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Audio In / Out	1 Line[1.0Vms, 3K ohm] / 1Line	1 Line[1.0Vms, 3K ohm] / 1Line
Alarm In / Out	1 Line / 1 Line	1 Line / 1 Line
Video Output	1 [CVBS 1.0V p-p (75Ω)]	1 [CVBS 1.0V p-p (75Ω)]
Event Notification	FTP, E-mail, Alarm out, SD card	FTP, E-mail, Alarm out, SD card
Edge Storage	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC
Power	DC 12V PoE IEEE 802.3bt Class 5	DC 12V PoE IEEE 802.3bt Class 5
Operating Temp	-20°C ~ 50°C	-20°C ~ 50°C
Certification	FCC, CE, ROHS, UL, KC, IK10, IP67	FCC, CE, ROHS, UL, KC, IK10, IP67
Dimensions (W x H)	280.5mm x 126.2mm	210mm x 92mm
Weight	3.5Kg	1.9Kg
Material	Aluminum-Die Casting	Aluminum-Die Casting



# AI TOTAL 32MP 4 SENSORS PANORAMIC DOME



All CPPO's IP Cameras support the latest ONVIF version.

8MP 4CH  
TOTAL  
32MP



NVM6-732



20° Rotation

Total 20° Tilt

Spring Type Tilt Bracket

## Total 32MP Super Sensitive Panoramic Camera

This camera implements the 32MP resolution using the 4ea of high sensitivity 8MP CMOS sensors. It can monitor the various areas intensively at the same time while recording the wide range more than 180 degree with UHD.

## Efficient Multiple Spot D-Zoom



## PREDATOR



32MP Panorama Dome  
NVM6-732

Image Device	1/1.8" 8.48M(STV2) CMOS x 4ch
Total Pixels	3856 (H) x 2200 (V)
Focal Length	9.0mm , F2.6 / Auto Exposure
MIN.Illumination	Color : 0.13Lux / BW : 0.007Lux
Horizontal Angle	Over 180°
IR	Non-IR
Day & Night	TDN (True Day & Night)
WDR	WDR(2x)
DNR	3D DNR
Video Compression	H.264, H.265, MJPEG
Audio In / Out	1Line[1.0Vrms, 3K ohm] / 1 Line
Alarm In / Out	1Line / 1Line
Video Output	1 [CVBS 1.0V p-p (75Ω)]
Event Notification	FTP, E-mail, Alarm out, SD card
Edge Storage	Micro SD / SDHC / SDXC
Power	DC12V PoE IEEE 802.3bt Class5
Operating Temp	-20°C ~ 50°C
Certification	FCC, CE, ROHS, UL, IK10, IP67
Dimensions (W x H)	210mm x 131mm
Weight	3.0kg
Material	Aluminum-Die Casting

MULTI SENSOR



NVM20-710-R

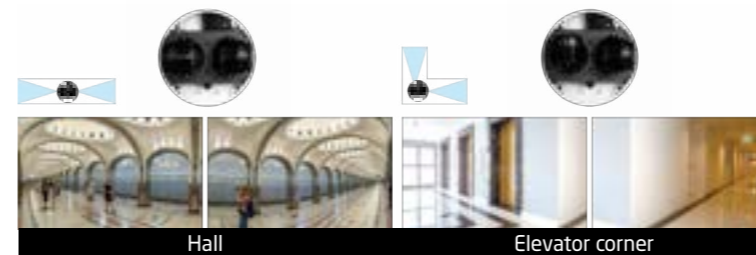
# AI TOTAL 10MP 2 SENSORS MFZ DUAL IR DOME



5MP 2CH  
TOTAL  
10MP



**Block of night diffused reflection implement of lens and IR separation**  
Diffused reflection gets blocked completely thanks to IR and led separated design.



### Monitoring in two directions with only one camera

The lens angle of the dual camera can be adjusted individually to suit the installation environment and the desired direction. It is highly efficient to install and operate as it can take two directions at the same time with one camera, and can be applied to long corridors, elevator corners, shopping malls and narrow spaces.



### Expanded surveillance area equipped with Aspherical hemispherical dome

Enabled horizontal near settings and monitoring thanks to the tilt central axis of the lens module protrudes to the outside.

### TWINS



	Total 10MP MFZ Dual IR Dome NVM20-710-R	Total 10MP Dual Mini IR Dome NVM8-710-R	Total 10MP MFZ Dual IR Dome NVM7-510-R
<b>Image Device</b>	1/2.8" 5.17M(STV2) CMOS x 2ch	1/2.8" 5.69M CMOS x 2ch	1/2.8" 5.69M 5M CMOS x 2ch
<b>Total Pixels</b>	2608(H) x 1984(V) x 2ch	2704(H) x 2104(V) x 2ch	2704(H) x 2104(V) x 2ch
<b>Focal Length</b>	2.8~8mm, F1.6 / Auto Exposure	2.8mm(F1.8), 4.0, 6.0, 8.0mm(F2.0) / Auto Exposure	2.7~13.5mm, F1.4 / P-IRIS
<b>MIN.Illumination</b>	Color : 0.05Lux / BW : 0Lux with IR	Color : 0.13Lux, etc : 0.16Lux / BW : 0Lux with IR	Color : 0.08Lux / BW : 0Lux with IR
<b>Horizontal Angle</b>	93° ~ 51°	102.4° / 82.3° / 51.9° / 37.8°	96° ~ 31°
<b>IR</b>	H4IR	H2IR + H2IR	H2IR
<b>Day &amp; Night</b>	TDN (True Day & Night)	TDN (True Day & Night)	TDN (True Day & Night)
<b>WDR</b>	WDR(2x)	WDR(2x)	WDR(2x)
<b>DNR</b>	3D DNR	3D DNR	3D DNR
<b>Video Compression</b>	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
<b>Audio In / Out</b>	Choose Mic or 1 Line[1.0Vms, 3K ohm] / 1 Line	Mic / 1 Line	1 Line[1.0Vms, 3K ohm] / 1Line
<b>Alarm In / Out</b>	1 Line / 1 Line	1 Line / 1 Line	1 Line / 1 Line
<b>Video Output</b>	1 [CVBS 1.0V p-p (75Ω)]	1 [CVBS 1.0V p-p (75Ω)]	1 [CVBS 1.0V p-p (75Ω)]
<b>Event Notification</b>	FTP, E-mail, Alarm out, SD card	FTP, E-mail, Alarm out, SD card	FTP, E-mail, Alarm out, SD card
<b>Edge Stora</b>	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC
<b>Power</b>	DC 12V PoE IEEE 802.3at Class4	DC 12V PoE IEEE 802.3af Class 3	DC 12V PoE IEEE 802.3at Class 4
<b>Operating Temp</b>	-20°C ~ 50°C	-20°C ~ 50°C	-20°C ~ 50°C
<b>Certification</b>	FCC, CE, ROHS, IK10, IP67	FCC, CE, ROHS, KC, IK10, IP67	FCC, CE, ROHS, UL, KC, IK10, IP67
<b>Dimensions (W x H)</b>	152mm x 103mm	139mm x 79.5mm	210mm x 105.3mm
<b>Weight</b>	0.9Kg	0.68Kg	2.1Kg
<b>Material</b>	Aluminum-Die Casting	Aluminum-Die Casting	Aluminum-Die Casting

MULTI SENSOR

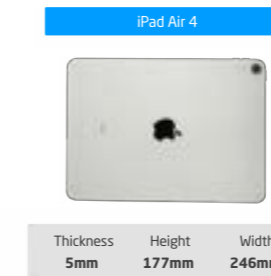


# AI 4K IP MFZ IR SPEAKER / FLASHLIGHT



Siren  
&  
Flashing  
light

NST17-78-RA



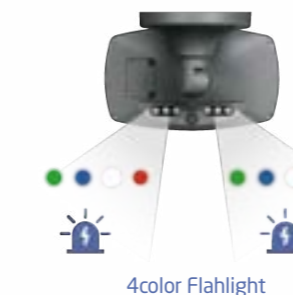
## Overwhelming size and speaker volume

NST17-78-RA boasts an overwhelming huge among CPRO cameras. The performance of built-in speaker and led are powerful as much as its body.



## Deliver powerful warning messages even in harsh environments

Powerful hardware performance enables clear warning messages in any environment. It guarantees the best performance with up to 14 watt sound speakers, especially in large and noisy environments.



## AI-based detection of intrusion enables approximately 3X stronger warning lights/alarms

It is equipped with four-color high-brightness LEDs and infrared LEDs optimized for night surveillance, providing excellent performance at all times. When an intrusion is detected in a specific area, the warning lights and alarms are activated to prevent crimes in advance.

## SIREN



5MP IP MFZ IR  
Speaker / Flashlight  
**NST17-75-RA**

4K IP MFZ IR  
Speaker / Flashlight  
**NST17-78-RA**

<b>Image Device</b>	1/2.8" 5.17M(STV2) CMOS	1/2.8" 8.6M CMOS
<b>Total Pixels</b>	2608 (H) x 1984 (V)	3864 (H) x 2228 (V)
<b>Focal Length</b>	2.7~13.5mm, F1.4 / P - IRIS	6~22mm, F1.6 / P - IRIS
<b>MIN.Illumination</b>	Color : 0.04Lux / BW : 0Lux with IR	Color : 0.12Lux / BW : 0Lux with IR
<b>Horizontal Angle</b>	98.3° ~ 31.6°	49.3° ~ 18.1°
<b>IR</b>	Front H6IR/H6W.R.G.B, Rear H6W.R.G.B	Front H6IR/H6W.R.G.B, Rear H6W.R.G.B
<b>Day &amp; Night</b>	TDN (True Day & Night)	TDN (True Day & Night)
<b>WDR</b>	WDR(2x)	WDR(2x)
<b>DNR</b>	3D DNR	3D DNR
<b>Video Compression</b>	H.265, H.264, MJPEG	H.265, H.264, MJPEG
<b>Audio In / Out</b>	Choose MIC or 1 Line Input [1.0Vrms, 3K ohm] / 1 Line Output & Speaker	Choose MIC or 1 Line Input [1.0Vrms, 3K ohm] / 1 Line Output & Speaker
<b>Alarm In / Out</b>	1 Line / 1 Line	1 Line / 1 Line
<b>Video Output</b>	1 [CVBS 1.0V p-p (75Ω)]	1 [CVBS 1.0V p-p (75Ω)]
<b>Event Notification</b>	FTP, E-mail, Alarm Out, SD Card, Siren, Flashlight	FTP, E-mail, Alarm Out, SD Card, Siren, Flashlight
<b>Edge Storage</b>	Micro SD / SDHC /SDXC	Micro SD / SDHC /SDXC
<b>Power</b>	DC 12V PoE IEEE 802.3bt Class6	DC 12V PoE IEEE 802.3bt Class6
<b>Operating Temp</b>	-20°C ~ 50°C	-20°C ~ 50°C
<b>Certification</b>	FCC, CE, ROHS, IK10, IP66	FCC, CE, ROHS, IK10, IP66
<b>Dimensions (W x H)</b>	260mm x 156mm	260mm x 156mm
<b>Weight</b>	3.7kg	3.7kg
<b>Material</b>	Aluminum-Die Casting	Aluminum-Die Casting



# AI 5MP / THERMAL DUAL IR BULLET



5MP  
DUAL  
THERMAL



NBM3-75-RT



## Simultaneous support for visible(5MP) / thermal(QGVA) images

Dual thermal AI camera supports both visible(5MP) and thermal(QGVA) videos. Visible and thermal images that can clearly identify the detected objects enable accurate detection and temperature measurement of the objects. Therefore, it guarantees a high detection rate through thermal imaging even in environments where it is difficult to detect only with visible light imaging.



## Reliable Intelligent Thermal Imaging Camera

It can effectively detect objects by mounting an image analysis engine. By eliminating light interference, the detection accuracy of the image analysis engine can be improved. It maximizes visibility of objects at long distances, enabling highly reliable intelligent monitoring and improving detection capabilities.



## High security due to accurate object detection of thermal imaging cameras

It is a reliable surveillance camera that prevents error detection of human-shaped objects and adds heat detection function. By using thermal and visible images together, intuitive results and temperatures can be checked, enabling accurate analysis and detection.

## DUAL THERMAL

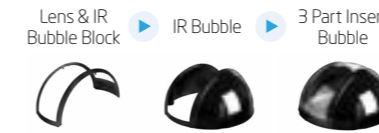


5MP Thermal IR Bullet  
NBM3-75-RT

Image Device	5.69M(Visible) + 76.8K(Thermal) / CMOS
Total Pixels	2704(H) x 2104(V) + 320(H) x 240(V)
Focal Length	4.0mm+4.0mm, F2.0+F1.0 / Auto Exposure
MIN. Illumination	Color : 0.16Lux, BW : 0Lux with IR
Horizontal Angle	82.3° / 56°
IR	H2IR
Day & Night	TDN (True Day & Night)
WDR	WDR(2x)
DNR	3D DNR
Video Compression	H.265, H.264, MJPEG
Audio In / Out	1 Line[1.0Vms, 3K ohm] / 1 Line
Alarm In / Out	1 Line / 1 Line
Video Output	1 [CVBS 1.0V p-p (75Ω)]
Event Notification	FTP, E-mail, Alarm out, SD card
Edge Storage	Micro SD / SDHC /SDXC
Power	DC 12V PoE IEEE 802.3af Class3
Operating Temp	-40°C ~ 50°C
Certification	FCC, CE, ROHS, UL, IK09, IP66
Dimensions (W x H)	242.3mm x 96.7mm
Weight	0.98kg
Material	Aluminum-Die Casting

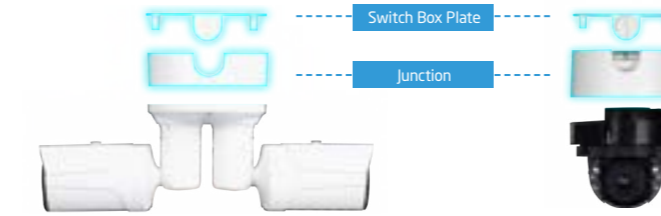


# AI 4K MFZ JUNCTION DOME / BULLET



### 3 Part Insert Bubble free from IR diffused reflection at night

The normal bubble has the light reflection on the lens by being reflected from the inside surface of the bubble. CPRO's 3 part insert bubble has a block part blocking IR light from entering the lens, so the light reflection has decreased dramatically.



### All in one junction

This camera includes switch box plate and junction for switch box that no need for additional purchase and does not impact on the interior as it is custom designed.



### Easy and quick installation

NNK7's Magnets are attached to the junction and under the board, which can be installed easily and quickly. And NBT8's 3axis can be adjusted with only 1 screw.

## JUNCTION



	4K MFZ Junction IR Dome NNK7-78-R/RZ(622)	4K MFZ Junction IR Bullet NBT8-78-R	Total 10MP Dual MFZ Junction IR Bullet NNB8-710-R
<b>Image Device</b>	1/2.8" 8.6M CMOS	1/2.8" 8.6M CMOS	1/2.8" 5.17M(STV2) CMOS
<b>Total Pixels</b>	3864(H) x 2228(V)	3864(H) x 2228(V)	2608 (H) x 1984 (V)
<b>Focal Length</b>	2.7mm ~ 13.5mm, F1.4 / P-IRIS 6mm ~ 22mm, F1.6 / P-IRIS	2.7mm ~ 13.5mm, F1.4 / P-IRIS	2.7~13.5mm, F1.4 / P - IRIS
<b>MIN.Illumination</b>	Color : 0.09Lux / BW : 0Lux with IR Color : 0.12Lux / BW : 0Lux with IR	Color : 0.09Lux / BW : 0Lux with IR	Color : 0.04Lux / BW : 0Lux with IR
<b>Horizontal Angle</b>	90.3° ~ 33.1° 49.3° ~ 18.1°	90.3° ~ 33.1°	98.3° ~ 31.6°
<b>IR</b>	H4IR	H4IR	H4IR + H4IR
<b>Day &amp; Night</b>	TDN (True Day & Night)	TDN (True Day & Night)	TDN (True Day & Night)
<b>WDR</b>	WDR(2x)	WDR(2x)	WDR(2x)
<b>DNR</b>	3D DNR	3D DNR	3D DNR
<b>Video Compression</b>	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
<b>Audio In / Out</b>	Choose Mic or 1 Line[1.0Vrms, 3K ohm] / 1 Line	Choose Mic or 1 Line[1.0Vrms, 3K ohm] / 1 Line	Choose MIC or 1 Line[1.0Vrms, 3K ohm] / 1 Line & Speaker
<b>Alarm In / Out</b>	1 Line / 1 Line	1 Line / 1 Line	1 Line / 1 Line
<b>Video Output</b>	1 [CVBS 1.0V p-p (75Ω)]	1 [CVBS 1.0V p-p (75Ω)]	1 [CVBS 1.0V p-p (75Ω)]
<b>Event Notification</b>	FTP, E-mail, Alarm out, SD card	FTP, E-mail, Alarm out, SD card	FTP, E-mail, Alarm out, SD card
<b>Edge Storage</b>	Micro SD / SDHC /SDXC	Micro SD / SDHC /SDXC	Micro SD / SDHC /SDXC
<b>Power</b>	DC 12V PoE IEEE 802.3af Class3	DC 12V PoE IEEE 802.3af Class3	DC 12V PoE IEEE 802.3af Class4
<b>Operating Temp</b>	-40°C ~ 55°C	-40°C ~ 55°C	-40°C ~ 50°C
<b>Certification</b>	FCC, CE, ROHS, IK10, IP67	FCC, CE, ROHS, IK10, IP67	FCC, CE, ROHS, IK10, IP67
<b>Dimensions (W x H)</b>	146mm x 130mm	289mm x 147mm	325.9mm x 171.1mm
<b>Weight</b>	1.42Kg	2.12Kg	3.2kg
<b>Material</b>	Aluminum-Die Casting	Aluminum-Die Casting	Aluminum-Die Casting



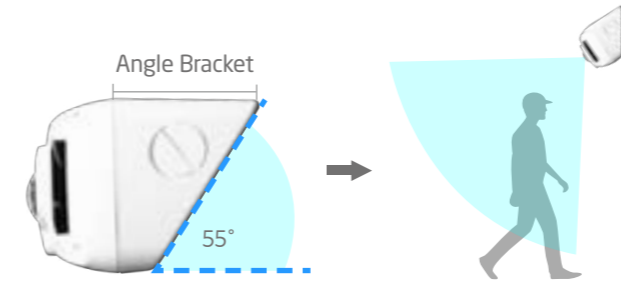
# AI 4K 1 SENSOR PANORAMIC IR BULLET



4K

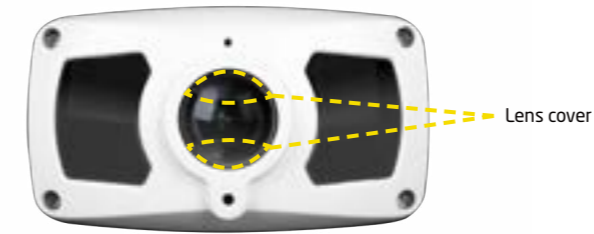


NSF2-78-RS



### Easy to install indoors with Angle Bracket

It is easy to install indoors, such as in narrow hallways or buses, by using the 55° angled bracket



Lens cover

### Lens cover to block backlight

The back light was blocked using the lens cover, so provides high-quality images.



### IP67 (Dust & WaterProof)

Although designed for indoor use, this camera is IP67-rated for dust and water resistance, making it ideal for both indoor and outdoor installations.

## EYEVIEW



4K Panorama IR Bullet NSF3-78-RS

4K Panorama IR Bullet NSF2-78-RS

4K Panorama IR Bullet NSF1-58-R/RS

	4K Panorama IR Bullet NSF3-78-RS	4K Panorama IR Bullet NSF2-78-RS	4K Panorama IR Bullet NSF1-58-R/RS
<b>Image Device</b>	1/1.8" 8.48M(STV2) CMOS	1/1.8" 8.48M(STV2) CMOS	1/1.8" 9.17M CMOS 1/1.8" 8.48M(STV2) CMOS
<b>Total Pixels</b>	3856 (H) x 2200 (V)	3856 (H) x 2200 (V)	3952 (H) x 2320 (V) 3856 (H) x 2200 (V)
<b>Focal Length</b>	2.3mm, F2.8 / Auto Exposure	2.3mm, F2.8 / Auto Exposure	2.3mm, F2.8 / Auto Exposure
<b>MIN.Illumination</b>	Color : 0.15Lux / BW : 0Lux with IR	Color : 0.15Lux / BW : 0Lux with IR	Color : 0.29Lux / BW : 0Lux with IR Color : 0.15Lux / BW : 0Lux with IR
<b>Horizontal Angle</b>	175°	175°	175°
<b>IR</b>	H4IR	H4IR	H4IR
<b>Day &amp; Night</b>	TDN (True Day & Night)	TDN (True Day & Night)	TDN (True Day & Night)
<b>WDR</b>	WDR(2x)	WDR(2x)	WDR(2x)
<b>DNR</b>	3D DNR	3D DNR	3D DNR
<b>Video Compression</b>	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
<b>Audio In / Out</b>	Choose Mic1 Line[1.0Vms, 3K ohm] / 1Line	Choose Mic1 Line[1.0Vms, 3K ohm] / 1Line	1 Line[1.0Vms, 3K ohm] / 1Line
<b>Alarm In / Out</b>	1 Line / 1 Line	1 Line / 1 Line	1 Line / 1 Line
<b>Video Output</b>	1 [CVBS 1.0V p-p (75Ω)]	1 [CVBS 1.0V p-p (75Ω)]	1 [CVBS 1.0V p-p (75Ω)]
<b>Event Notification</b>	FTP, E-Mail, Alarm Out, SD Card	FTP, E-Mail, Alarm Out, SD Card	FTP, E-Mail, Alarm Out, SD Card
<b>Edge Storage</b>	Micro SD / SDHC /SDXC	Micro SD / SDHC /SDXC	Micro SD / SDHC /SDXC
<b>Power</b>	DC 12V PoE IEEE 802.3af class3	DC 12V PoE IEEE 802.3af class3	DC 12V PoE IEEE 802.3af class3
<b>Operating Temp</b>	-20°C ~ 50°C	-20°C ~ 50°C	-20°C ~ 50°C
<b>Certification</b>	FCC, CE, ROHS, UL, KC, IK10, IP67	FCC, CE, ROHS, UL, KC, IK10, IP67	FCC, CE, ROHS, KC, IK10, IP67
<b>Dimensions (W x H)</b>	160mm x 90mm	160mm x 90mm	222.5mm x 96.7mm
<b>Weight</b>	1.0Kg	1.0Kg	0.97Kg
<b>Material</b>	Aluminum-Die Casting	Aluminum-Die Casting	Aluminum-Die Casting



# AI 5MP 360° FISHEYE IR DOME



All CPRO's IP Cameras support the latest ONVIF version.



5MP  
360°

3IR

High power 3IR LED installed inside smog dome

It is equipped with an IR Free function that minimizes diffuse reflection in night images by installing IR LEDs under the smog dome.

NVF10-75L-R



### In-camera 360° wide view and various dewarping modes

Through the 12 MP high-resolution sensor and fisheye lens, you can view 360° high-resolution images, as well as remotely check various dewarping modes such as 180° panoramic zooming in on a specific area.



### 360° rotatable fisheye lens

Not only the 360° fisheye mode view, 180° panoramic mode and quartered mode are provided with S/W. It dewarps the view.

### IP67 certified (dustproof & waterproof), IK10 (shockproof)

Superior environment protection with its IP66 rating. The device is protected against invasive moisture, dust and even liquids. This superb environment protection is achieved through meticulous sealing and extra protective engineering.

## FISHEYE



5MP Fisheye IR Dome  
NVF10-75L-R

12MP Fisheye IR Dome  
NVF13-712-R

5MP Fisheye IR Dome  
NVF13-75-R / NVF13-75L-R

	5MP Fisheye IR Dome NVF10-75L-R	12MP Fisheye IR Dome NVF13-712-R	5MP Fisheye IR Dome NVF13-75-R / NVF13-75L-R
Image Device	1/2.8" 5.17M(STV2) CMOS	1/2.3" 12.93M CMOS	1/2.8" 5.17M(STV2) CMOS
Total Pixels	2068 (H) x 1984 (V)	4072 (H) x 3176 (V)	2704 (H) x 2104 (V) / 2608 x 1984
Focal Length	1.19mm, F2.0 / Auto Exposure	1.5mm, F2.2 / Auto Exposure	1.19mm, F2.0 / Auto Exposure
MIN.Illumination	Color : 0.8Lux / BW : 0 Lux with IR	Color : 0.52Lux / BW : 0 Lux with IR	Color : 0.16, 0.08Lux / BW : 0 Lux with IR
Horizontal Angle	185°	185°	185°
IR	H3IR	H3IR	H3IR
Day & Night	TDN (True Day & Night)	TDN (True Day & Night)	TDN (True Day & Night)
WDR	Yes	Yes	Yes
DNR	3D DNR	3D DNR	3D DNR
Video Compression	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Audio In / Out	Mic / 1Line	Mic / 1Line	Mic / 1Line
Alarm In / Out	1 Line / 1 Line	1 Line / 1 Line	1 Line / 1 Line
Video Output	1 [CVBS 1.0V p-p (75Ω)]	1 [CVBS 1.0V p-p (75Ω)]	1 [CVBS 1.0V p-p (75Ω)]
Event Notification	FTP, E - mail, Alarm Out, SD card	FTP, E - mail, Alarm Out, SD card	FTP, E - mail, Alarm Out, SD card
Edge Storage	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC
Power	DC 12V PoE IEEE 802.3af Class3	DC 12V PoE IEEE 802.3af Class3	DC 12V PoE IEEE 802.3af Class3
Operating Temp	-20°C ~ 50°C	-20°C ~ 50°C	-20°C ~ 50°C
Certification	FCC, CE, ROHS, UL, KC, IK10, IP67	FCC, CE, ROHS, UL, KC, IK10, IP67	FCC, CE, ROHS, UL, KC, IK10, IP67
Dimensions (W x H)	134mm x 61mm	125mm x 58mm	125mm x 58mm
Weight	0.65kg	0.55kg	0.55kg
Material	Aluminum-Die Casting	Aluminum-Die Casting	Aluminum-Die Casting



# AI FULL COLOR / IR SPEAKER & FLASHLIGHT TURRET

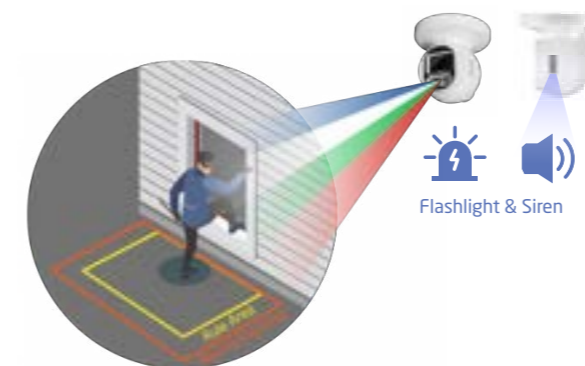


SIREN & Flashing light



### Non-diffused camera implement video as Full Color Day & Night

This camera is equipped with the highly sensitive sensor, and high-end lens of F1.0 that implement the video lightly at the dark environment.



### Light alarm prevents intrusion

When a target is detected in the monitoring area or enters the rule area, sirens and alarms are activated. You can specify a watch area so that you can use the light function only when necessary.

### Adjusting Lenses with Free Dome cover

It is convenient to adjust the lens without disassembling the dome cover.

## TURRET



	4K Siren Full Color Flashlight Turret NVD3-78-WA	5MP Siren Full Color Flashlight Turret NVD3-75-WA(RA)
Image Device	1/2.8" 5.17M(STV2) CMOS	1/2.8" 5.17M(STV2) CMOS
Total Pixels	3856 (H) x 2200 (V)	2608 (H) x 1984 (V)
Focal Length	2.7~12mm, F1.3 / P - IRIS 2.7~13.5mm, F1.4 / P - IRIS	2.7~12mm, F1.3 / P - IRIS 2.7~13.5mm, F1.4 / P - IRIS
MIN.Illumination	Color : 0.035Lux / BW : 0Lux with White	Color : 0.03Lux / BW : 0Lux with White Color : 0.04Lux / BW : 0Lux with IR
Horizontal Angle	98.4° ~ 45.7° / 98.3° ~ 32°	89.9° ~ 31.5° / 98.3° ~ 31.6°
IR	H2W / H1RGB	H2W / H1RGB, H2IR / H1RGB
Day & Night	No	No / TDN (True Day & Night)
WDR	WDR (2x)	WDR (2x)
DNR	3D DNR	3D DNR
Video Compression	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Audio In / Out	Mic / Speaker	Mic / Speaker
Alarm In / Out	1 Line / 1 Line	1 Line / 1 Line
Video Output	No	No
Event Notification	FTP, E-Mail, Alarm Out, SD Card, Siren, Flashlight	FTP, E-Mail, Alarm Out, SD Card, Siren, Flashlight
Edge Storage	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC
Power	DC 12V PoE IEEE 802.3at Class4	DC 12V PoE IEEE 802.3at Class4
Operating Temp	-20°C ~ 50°C	-20°C ~ 50°C
Certification	FCC, CE, ROHS, KC, IK10, IP67	FCC, CE, ROHS, KC, IK10, IP67
Dimensions (W x H)	125mm x 121.7mm	125mm x 121.7mm
Weight	0.88kg	0.88kg
Material	Aluminum-Die Casting	Aluminum-Die Casting



# AI HEIGHT STRIP/ DOOR JAMB PINHOLE



All CPPO's IP Cameras support the latest ONVIF version.

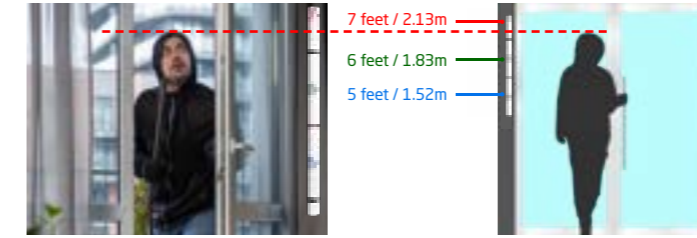
Face /  
Height  
Detect



Name : David  
Gender : Male  
Age : 30 -32  
Height : 6.3 ft  
Team Leader

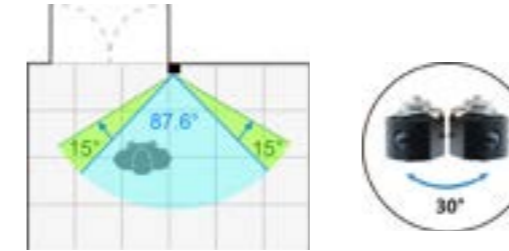


NST10-75L



## Convenient Height checking \_ NST10

Thanks to indicated number at the 4,5,6 feet height installed CCTV camera towards the door and witness could check height of the invader conveniently. For this reason, this camera could be used in various channels including convenience store, retail ship, bank, hotel.



## The adjustable 5MP pinhole lens as ±15° each

Through the adjustable 5MP pinhole lens as left and right ±15° each it could provide not only the vivid video also optimal viewing angles even when installed in large sized doors.



## Eye level installation to Exact face recognition

This camera it designated to be installed at the frame of a building entrance at an adult's eye-level. Unlike ceiling-mounted cameras, even if there's are some people with hoodie or hat face could be shoot at the front.

## PINHOLE



5MP Height Strip Bar  
NST10-75L

5MP Door Jamb Bar  
NST11-75L

5MP Remote Header  
NST16-75L

	5MP Height Strip Bar NST10-75L	5MP Door Jamb Bar NST11-75L	5MP Remote Header NST16-75L
<b>Image Device</b>	1/2.8" 5.17M(STV2) CMOS	1/2.8" 5.17M CMOS	1/2.8" 5.17M(STV2) CMOS
<b>Total Pixels</b>	2608 (H) x 1984 (V)	2608 (H) x 1984 (V)	2608 (H) x 1984 (V)
<b>Focal Length</b>	3.7mm, F2.5 / Auto Exposure	3.7mm, F2.5 / Auto Exposure	3.7mm, F2.5 / Auto Exposure
<b>MIN.Illumination</b>	Color : 0.13Lux	Color : 0.13Lux	Color : 0.13Lux
<b>Horizontal Angle</b>	87.6°	87.6°	87.6°
<b>IR</b>	Non-IR	Non-IR	Non-IR
<b>Day &amp; Night</b>	S/W Day & Night	S/W Day & Night	S/W Day & Night
<b>WDR</b>	WDR (2x)	WDR (2x)	WDR (2x)
<b>DNR</b>	3D DNR	3D DNR	3D DNR
<b>Video Compression</b>	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.265, H.264, MJPEG
<b>Audio In / Out</b>	No	No	1 Line[1.0Vrms, 3K ohm]/1 Line
<b>Alarm In / Out</b>	No	No	1 Line / 1 Line
<b>Video Output</b>	No	No	No
<b>Event Notification</b>	FTP, E-Mail, SD Card	FTP, E-Mail, SD Card	FTP, E-Mail, SD Card
<b>Edge Storage</b>	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC
<b>Power</b>	DC 12V PoE IEEE 802.3af Class2	DC 12V PoE IEEE 802.3af Class2	DC 12V PoE IEEE 802.3af Class3
<b>Operating Temp</b>	-20°C ~ 50°C	-20°C ~ 50°C	-10°C ~ 50°C
<b>Certification</b>	FCC, CE, ROHS	FCC, CE, ROHS	FCC, CE, ROHS, UL
<b>Dimensions (W x H)</b>	51.5mm X 860mm	50.3mm X 190mm	107mm(Main) / 28.1mm(Sensor) 124mm(Main) / 29.1mm(Sensor)
<b>Weight</b>	0.7kg	0.4g	224g(Main) / 84g(Sensor)
<b>Material</b>	Aluminum sheet metal	Plastic	Plastic



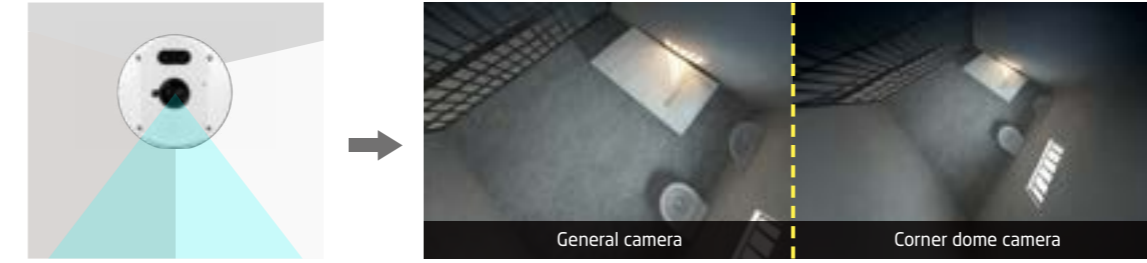
# AI 5MP CORNER IR DOME



NST19-75L-R



5MP  
Corner



### Monitoring without blind spots using a wide-angle lens

It is designed to be installed in the corner of the ceiling, using a wide-angle lens with a 45° downward viewing angle to enable monitoring without blind spots. It is primarily used in correctional facilities and medical institutions for accident prevention.



### Equipped with tamper detection

Equipped with operation detection functionality, it is an essential feature in environments where security is critical. The system protects itself by detecting attempts to open or manipulate the equipment from the outside and notifying the administrator.



### The IR LED is positioned above the lens, allowing for effective surveillance

When the IR LED is positioned above the lens, the light is evenly distributed, allowing for more uniform illumination, especially from the center of the area being captured by the camera. This enhances the clarity of the footage. Additionally, the shadow cast between the objects and the camera is minimized, enabling cleaner and undistorted video capture.

## CORNER



5MP Corner IR Dome  
NST19-75L-R

Image Device	1/2.8" 5.17M(STV2) CMOS
Total Pixels	2608(H) x 1984(V)
Focal Length	2.26mm, F1.6 / Auto Exposure
MIN.Illumination	Color : 0.05Lux, BW : 0Lux with IR
Horizontal Angle	H : 124° V : 94°
IR	H3IR
Day & Night	TDN (True Day & Night)
WDR	wDR(2x)
DNR	3D DNR
Video Compression	H.265, H.264, MJPEG
Audio In / Out	Choose Mic or 1 Line[1.0Vrms, 3K ohm] / 1Line
Alarm In / Out	1 Line / 1 Line
Video Output	1 [CVBS 1.0V p-p (75Ω)]
Event Notification	FTP, E-mail, Alarm out, SD card, Tamper detection
Edge Storage	Micro SD / SDHC /SDXC
Power	DC 12V PoE IEEE 802.3af Class3
Operating Temp	-20°C ~ 50°C
Certification	FCC, CE, ROHS, UL, IK10, IP67
Dimensions (W x H)	192mm x 99.3mm
Weight	1.4kg
Material	Aluminum-Die Casting



# 30X PTZ IR DOME



All CPRO's IP Cameras support the latest ONVIF version.



Lens & IR Bubble Block   IR Bubble   3 Part Insert Bubble



## 3 Part Insert Bubble

The normal bubble has the IR light reflection on the lens by being reflected from the inside surface of the bubble. CPRO's 3 part insert bubble has a block blocking light from entering the lens so the reflection has decreased dramatically.



## 95° tilt supportable at the PTZ

To overcome tilt angle limitation from the normal spherical bubble, the improved bubble can tilt up to 95° without any image distortions.

## More compact than anything else

It is compact and light compared to the same performance PTZ camera in a small simple design that can be installed in/outdoor.

## ENDLESS



	2MP 30X IR PTZ NPX5-52-R	2MP 3X IR PTZ NPX3-52	5MP REPOSITIONING IR PTZ NPX10-75L-R
<b>Image Device</b>	1/3" 2.55M CMOS	1/2.8" 2.1M CMOS	1/2.8" 5.17M(STV2) CMOS
<b>Total Pixels</b>	1981 (H) x 1288 (V)	1945 (H) x 1109 (V)	2608(H) x 1984(V)
<b>Focal Length</b>	4.3 ~ 129mm, F1.6 ~ F4.7 / Auto Exposure	2.8 ~ 8mm, F1.6 / P-IRIS	2.7 ~ 12mm, F1.4 / Auto Exposure
<b>MIN.Illumination</b>	Color : 0.05Lux / BW : 0 Lux IR	Color : 0.03Lux / BW : 0.006	Color : 0.04Lux, BW : 0Lux with IR
<b>Horizontal Angle</b>	65.1° ~ 2.34°	114.7° ~ 59.3°	TBD
<b>IR</b>	H6IR	Non-IR	H3IR
<b>Day &amp; Night</b>	TDN (True Day & Night)	TDN (True Day & Night)	TDN (True Day & Night)
<b>WDR</b>	No	WDR (2x)	WDR(2x)
<b>DNR</b>	3D DNR	3D DNR	3D DNR
<b>Video Compression</b>	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.265, H.264, MJPEG
<b>Audio In / Out</b>	1 Line[1.0Vms, 3K ohm] / 1Line	1 Line[1.0Vms, 3K ohm] / 1Line	Mic / Speaker
<b>Alarm In / Out</b>	1 Line / 1 Line	1 Line / 1 Line	No
<b>Video Output</b>	1 [CVBS 1.0V p-p (75Ω)]	1 [CVBS 1.0V p-p (75Ω)]	1 [CVBS 1.0V p-p (75Ω)]
<b>Event Notification</b>	FTP, E-Mail, Alarm Out, SD Card	FTP, E-Mail, Alarm Out, SD Card	FTP, E-mail, Alarm out, SD card,
<b>Edge Storage</b>	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC
<b>Power</b>	DC 24V / AC 24V PoE IEEE 802.3at Class5	DC 12V PoE IEEE 802.3at Class4	DC 12V PoE IEEE 802.3af Class3
<b>Operating Temp</b>	-20°C ~ 50°C	-20°C ~ 50°C	-20°C ~ 50°C
<b>Certification</b>	FCC, CE, ROHS, UL, KC, IK10, IP66	FCC, CE, ROHS, KC, IP67	FCC, CE, ROHS, UL, IP66
<b>Dimensions (W x H)</b>	150mm x 160mm	125mm x 116mm	TBD
<b>Weight</b>	2.8Kg	1Kg	TBD
<b>Material</b>	Aluminum-Die Casting	Aluminum-Die Casting	Plastic





IR Reflection FREE

# AI 4K FLAT / 5MP IR DOME



**Block of night diffused reflection implement of lens and IR separation**  
Diffused reflection gets blocked completely thanks to IR and led seperated design.



**Expansion for vertical installed area of surveillance**  
Thanks to aspherical hemisphere designed technology, comparing to general products the vertical monitoring setting range has been improved by 15° degrees.



**Improved performance at night surveillance**  
Thanks to color video and IR sensitivity gets improved, it helps night surveillance improvement.

## DOMES



	5MP Mini IR Dome NVD6-75L-R	4K MFZ IR Flat Dome NVD10-78-R/RZ(622)	5MP MFZ IR Flat Dome NVD10-75L-R/RZ(622)
<b>Image Device</b>	1/2.8" 5.17M(STV2) CMOS	1/2.8" 8.6M CMOS	1/2.8" 5.17M(STV2) CMOS
<b>Total Pixels</b>	2608 (H) x 1984 (V)	3864(H) x 2228(V)	2608(H) x 1984(V)
<b>Focal Length</b>	2.8mm, 4.0mm, 6.0mm, F2.2, F2.0 / Auto Exposure	2.7mm ~ 13.5mm, F1.4 / P-IRIS 6mm ~ 22mm, F1.6 / P-IRIS	2.7~13.5mm, F1.4 / P-IRIS 6mm ~ 22mm, F1.6 / P-IRIS
<b>MIN.Illumination</b>	Color : 0.08Lux / BW : 0Lux with IR	Color : 0.09Lux / BW : 0Lux with IR Color : 0.12Lux / BW : 0Lux with IR	Color : 0.04Lux / BW : 0Lux with IR Color : 0.05Lux / BW : 0Lux with IR
<b>Horizontal Angle</b>	97.7° (2.8mm) / 76.6° (4mm) 48.2° (6mm)	90.3° ~ 33.1° 49.3° ~ 18.1°	98.3° ~ 31.6° 39.2° ~ 16.5°
<b>IR</b>	H2IR	H2IR	H2IR
<b>Day &amp; Night</b>	TDN (True Day & Night)	TDN (True Day & Night)	TDN (True Day & Night)
<b>WDR</b>	WDR (2x)	WDR(2x)	WDR(2x)
<b>DNR</b>	3D DNR	3D DNR	3D DNR
<b>Video Compression</b>	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
<b>Audio In / Out</b>	Mic / 1Line	Mic / 1 Line	Mic / 1 Line
<b>Alarm In / Out</b>	1 Line / 1 Line	1 Line / 1 Line	1 Line / 1 Line
<b>Video Output</b>	No	1 [CVBS 1.0V p-p (75Ω)]	1 [CVBS 1.0V p-p (75Ω)]
<b>Event Notification</b>	FTP, E-mail, Alarm out, SD card	FTP, E-mail, Alarm out, SD card	FTP, E-mail, Alarm out, SD card
<b>Edge Storage</b>	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC
<b>Power</b>	DC 12V PoE IEEE 802.3af Class3	DC 12V PoE IEEE 802.3af Class 3	DC 12V PoE IEEE 802.3af Class 3
<b>Operating Temp</b>	-20°C ~ 50°C	-20°C ~ 50°C	-20°C ~ 50°C
<b>Certification</b>	FCC, CE, ROHS, UL, IK10, IP67	FCC, CE, ROHS, UL, IK10, IP67	FCC, CE, ROHS, UL, IK10, IP67
<b>Dimensions (W x H)</b>	105mm x 72mm	125mm x 100mm	125mm x 100mm
<b>Weight</b>	0.44kg	0.63kg	0.63kg
<b>Material</b>	Aluminum-Die Casting	Aluminum-Die Casting	Aluminum-Die Casting



# AI 5MP MFZ / FIXED IR BULLET



NBT6-75L-R

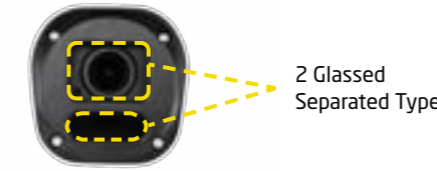
MFZ  
or  
FIXED



<MFZ LENS> <FIXED LENS>

### Various Range Of Zoom Lens

To use the lens for various situations, lens can be chosen among MFZ/FIXED/ High magnification zoom. MFZ lenses can zoom up to 10X.



2 Glassed Separated Type

### Prevention Of Diffuse Refelction Equip With 2 glass Separated Structure

With stronger IR performance, it provides bright images over a long distance. At the same time, by separating the lens and IR, IR diffuse reflection significantly reduced at night.



### Improvement Of Installation Convenience

Thanks to improvement of structure, installer can insert(replace) desipak, sd card and control reset and 2nd video output.

## BULLET



4K MFZ IR Bullet  
NBT6-78-R/RZ(622)

5MP MFZ IR Bullet  
NBT6-75L-R/RF

5MP MFZ IR Bullet  
NBT6-75L-RZ(550 / 622)

	4K MFZ IR Bullet NBT6-78-R/RZ(622)	5MP MFZ IR Bullet NBT6-75L-R/RF	5MP MFZ IR Bullet NBT6-75L-RZ(550 / 622)
<b>Image Device</b>	1/2.8" 8.6M CMOS	1/2.8" 5.17M(STV2) CMOS	1/2.8" 5.17M(STV2) CMOS
<b>Total Pixels</b>	3864 (H) x 2228 (V)	2608 (H) x 1984 (V)	2608 (H) x 1984 (V)
<b>Focal Length</b>	2.7~13.5mm (F1.4), 6~22mm(F1.6) / P-IRIS	2.7~13.5mm, F1.4 / P-IRIS 2.8mm (F1.6), 4.0mm, 6.0mm (F2.0) / Auto Exposure	5~50mm (F2.0), 6~22mm (F1.6) / P-IRIS
<b>MIN.Illumination</b>	Color : 0.09 Lux / Bw : 0 Lux with IR Color : 0.12 Lux / Bw : 0 Lux with IR	Color : 0.04Lux / Bw : 0 Lux with IR Color : 0.08Lux, Bw: 0Lux with IR	Color : 0.08 Lux / Bw : 0 Lux with IR Color : 0.05 Lux / Bw : 0 Lux with IR
<b>Horizontal Angle</b>	90.3° ~ 33.1°, 49.3° ~ 18.1°	98.3° ~ 31.6° 97.7°(2.8mm) / 76.6°(4mm) / 48.2°(6mm)	46.2° ~ 7.7°, 39.2° ~ 16.5°
<b>IR</b>	H3IR	H3IR	H3IR
<b>Day &amp; Night</b>	TDN (True Day & Night)	TDN (True Day & Night)	TDN (True Day & Night)
<b>WDR</b>	WDR (2x)	WDR (2x)	WDR (2x)
<b>DNR</b>	3D DNR	3D DNR	3D DNR
<b>Video Compression</b>	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
<b>Audio In / Out</b>	1 Line[1.0Vms, 3K ohm]/1 Line	1 Line[1.0Vms, 3K ohm]/1 Line	1 Line[1.0Vms, 3K ohm]/1 Line
<b>Alarm In / Out</b>	1 Line / 1 Line	1 Line / 1 Line	1 Line / 1 Line
<b>Video Output</b>	1 [CVBS 1.0V p-p (75Ω)]	1 [CVBS 1.0V p-p (75Ω)]	1 [CVBS 1.0V p-p (75Ω)]
<b>Event Notification</b>	FTP, E-mail, Alarm out, SD card	FTP, E-mail, Alarm out, SD card	FTP, E-mail, Alarm out, SD card
<b>Edge Storage</b>	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC
<b>Power</b>	DC 12V PoE IEEE 802.3af Class3	DC 12V PoE IEEE 802.3af Class3	DC 12V PoE IEEE 802.3af Class3
<b>Operating Temp</b>	-20°C ~ 50°C	-20°C ~ 50°C	-20°C ~ 60°C
<b>Certification</b>	FCC, CE, ROHS, UL, IK10, IP67	FCC, CE, ROHS, UL, IK10, IP67	FCC, CE, ROHS, UL, IK10, IP67
<b>Dimensions (W x H)</b>	197.5mm x 86mm	197.5mm x 86mm	197.5mm x 86mm
<b>Weight</b>	0.97kg	0.97kg, 0.93kg	0.99kg, 0.97kg
<b>Material</b>	Aluminum-Die Casting	Aluminum-Die Casting	Aluminum-Die Casting





### R&D Center / Korea Factory



**Best Quality**  
Continuous pursuit of the best image quality by video professionals with over 30 years of experience.



**Support**  
QA maintains high quality through continuous education and support, and is responsible for customer impressions and quality.

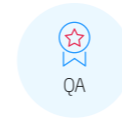


**Good Design**  
It is easy and convenient to install, and has a sophisticated appearance.



**Great Partnership**  
Inventory, production management, local RMA support and custom OEM projects.

### Vietnam Factory



**Quality Assurance**  
We maintain higher QA standards through intensive training and continuous support.



**Clean Room / SMD**  
Produce products in a clean room and a batch production system that is capable of SMD and mechanism (Plastic/Die Casting) is established.



**ERP / RMA**  
We have systematic inventory and production management through ERP, and local RMA support.



**Know-How**  
We are committed to the best video quality by professionals with over 12 years of experience.



#### R&D CENTER \_ Gasan

R&D center is focused on developing multi-sensor camera and AI camera technology, while the developed technology has being helped to introduce variety of specialized products in the market. In addition, the R&D center continuously researches and develops IP and coaxial cameras. With over 30 patents of in-house technology, we aggressively invest to develop new technology.

#### FACTORY \_ Seongnam

Korea Factory is committed to keeping higher standard of quality assurance with the production line. We maintain to have various quality tests to ensure our products are guaranteed for customers and support a customer service









#### CPRO VIETNAM \_ Northern Hanoi

Starting with the first factory in Hanoi, Vietnam in 2013, the second factory was established in 2017.

#### VIETNAM FACTORY\_ Production, Quality Control







The 2nd factory in Vietnam is capable of producing entire camera assembly and inspection process in a clean room, and a mass production system from parts to finished products is established with production facilities capable of SMD and mechanism process.









						
	4K MFZ Flat IR Dome NVD13-78-R	5MP MFZ Flat IR Dome NVD13-75-R	5MP MFZ Flat IR Dome NVD13-75L-R	2MP MFZ HDMI Flat IR Dome NVD15-72-RH	5MP Mini IR Dome NVD7-75-R	4K MFZ IR Bullet NBT7-78-R
<b>Image Device</b>	1/2.8" 8.6M CMOS	1/2.8" 5.69M CMOS	1/2.8" 5.17M(STV2) CMOS	1/2.8" 2.1M CMOS	1/2.8" 5.69M CMOS	1/2.8" 8.0M CMOS
<b>Total Pixels</b>	3864 (H) x 2228 (V)	2704 (H) x 2104 (V)	2608 (H) x 1984 (V)	1945 (H) x 1109 (V)	2704 (H) x 2104 (V)	3864 (H) x 2228 (V)
<b>Focal Length</b>	2.7~13.5mm, F1.4 / P - IRIS	2.7~13.5mm, F1.4 / P-IRIS	2.7~13.5mm, F1.4 / P-IRIS	2.7~13.5mm, F1.4 / P - IRIS	2.8mm (F2.2), 4.0mm (F2.0), 6.0mm (F2.0), 8.0mm / Auto Exposure	2.7~13.5mm, F1.4 / P-IRIS
<b>MIN.Illumination</b>	Color : 0.09Lux / BW: 0Lux with IR	Color : 0.08Lux / BW: 0Lux with IR	Color : 0.04Lux / BW: 0Lux with IR	Color : 0.02Lux / BW: 0Lux with IR	Color : 0.16Lux / BW : 0Lux with IR	Color : 0.09Lux / BW : 0Lux with IR
<b>Horizontal Angle</b>	90.3° ~ 33.1°	98.3° ~ 31.6°	98.3° ~ 31.6°	107.9° ~ 34.1°	97.7° (2.8mm) / 76.6° (4mm) / 51.9° (6mm)	90.3° ~ 33.1°
<b>IR</b>	H 2 IR	H 2 IR	H 2 IR	H 2 IR	H 2 IR	H 6 IR
<b>Day &amp; Night</b>	TDN (True Day & Night)	TDN (True Day & Night)	TDN (True Day & Night)	TDN (True Day & Night)	TDN (True Day & Night)	TDN (True Day & Night)
<b>WDR</b>	WDR (2x)	WDR (2x)	WDR (2x)	WDR (2x)	WDR (2x)	WDR (2x)
<b>DNR</b>	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR
<b>Video Compression</b>	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
<b>Audio In / Out</b>	Mic / 1Line	Mic / 1Line	Mic / 1Line	1 Line[1.0Vms, 3K ohm] / 1 Line	Mic / 1Line	1 Line[1.0Vms, 3K ohm] / 1 Line
<b>Alarm In / Out</b>	1 Line / 1 Line	1 Line / 1 Line	1 Line / 1 Line	1 Line / 1 Line	1 Line / 1 Line	1 Line / 1 Line
<b>Video Output</b>	1 [CVBS 1.0V p-p (75Ω)]	1 [CVBS 1.0V p-p (75Ω)]	1 [CVBS 1.0V p-p (75Ω)]	No	No	1 [CVBS 1.0V p-p (75Ω)]
<b>Event Notification</b>	FTP, E - mail, Alarm Out, SD card	FTP, E-mail, Alarm out, SD card	FTP, E-mail, Alarm out, SD card	FTP, E - mail, Alarm Out, SD card	FTP, E-mail, Alarm out, SD card	FTP, E-mail, Alarm out, SD card
<b>Edge Storage</b>	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC
<b>Power</b>	PoE IEEE 802.3af Class3	DC 12V PoE IEEE 802.3af Class3	DC 12V PoE IEEE 802.3af Class3	DC 12V PoE IEEE 802.3af Class3	DC 12V PoE IEEE 802.3af Class 3	DC 12V PoE IEEE 802.3af Class4
<b>Operating Temp</b>	-20°C ~ 50°C	-20°C ~ 50°C	-20°C ~ 50°C	-20°C ~ 50°C	-20°C ~ 50°C	-20°C ~ 50°C
<b>Certification</b>	FCC, CE, ROHS, UL, KC, IK10, IP67	FCC, CE, ROHS, UL, KC, IK10, IP67	FCC, CE, ROHS, UL, KC, IK10, IP67	FCC, CE, ROHS, KC, IK10, IP67	FCC, CE, ROHS, UL, IK10, IP67	FCC, CE, ROHS, UL, IK10, IP67
<b>Dimensions (W x H)</b>	125mm x 92mm	125mm x 92mm	125mm x 92mm	125mm x 103mm	105mm x 60.7mm	310mm x 97mm
<b>Weight</b>	0.52kg	0.52kg	0.52kg	0.58kg	0.36kg	1.2kg
<b>Material</b>	Aluminum-Die Casting	Aluminum-Die Casting	Aluminum-Die Casting	Aluminum-Die Casting	Aluminum-Die Casting	Aluminum-Die Casting

						
	4K MFZ IR Bullet NBT7-78-RZ(622)	5MP MFZ IR Bullet NBT7-75-R/RZ(650)	5MP MFZ LPR IR Bullet NBT7-75-RL	5MP IR Turret NVD1-75L-R	5MP Siren Full Color Flashlight Turret NVD3-75L-WA	5MP IR Turret NVD3-75L-R/RF
<b>Image Device</b>	1/2.8" 8.6M CMOS	1/2.8" 5.69M CMOS	1/2.8" 5.69M CMOS	1/2.8" 5.17M(STV2) CMOS	1/2.8" 5.17M(STV2) CMOS	1/2.8" 5.17M(STV2) CMOS
<b>Total Pixels</b>	3864 (H) x 2228 (V)	2704 (H) x 2104 (V)	2704 (H) x 2104 (V)	2608 (H) x 1984 (V)	2608 (H) x 1984 (V)	2608 (H) x 1984 (V)
<b>Focal Length</b>	6~22mm, F1.6 / P-IRIS	2.7~13.5mm, F1.4 / P-IRIS 6~50mm, F1.6 / P - IRIS	6~50mm, F1.6 / P - IRIS	2.8mm (F2.2), 4.0mm (F2.0), 6.0mm (F2.0) / Auto Exposure	2.7~12mm, F1.3 / P-IRIS	2.7~13.5mm, F1.4 / P - IRIS 2.8mm (F2.2), 4.0mm / Auto Exposure
<b>MIN.Illumination</b>	Color : 0.12Lux / BW : 0Lux with IR	Color : 0.08Lux / BW : 0Lux with IR Color : 0.1Lux / BW : 0Lux with IR	BW: 0Lux with IR	Color : 0.08Lux / 0Lux with IR	Color : 0.03Lux / BW : 0 Lux with White	Color : 0.04Lux / 0Lux with IR Color : 0.08Lux / 0Lux with IR
<b>Horizontal Angle</b>	49.3° ~ 18.1°	98.3° ~ 31.6° 40.8° ~ 6.9°	40.8° ~ 6.9°	97.7° (2.8mm), 76.6° (4mm), 48.2° (6mm)	89.9° ~ 31.5°	98.3° ~ 31.6° / 97.7° (2.8mm), 76.6° (4mm)
<b>IR</b>	H 6 IR	H 6 IR	H 6 IR	H 2 IR	H 2 W / H1RGB	H 2 IR
<b>Day &amp; Night</b>	TDN (True Day & Night)	TDN (True Day & Night)	No	TDN (True Day & Night)	No	TDN (True Day & Night)
<b>WDR</b>	WDR (2x)	WDR (2x)	WDR (2x)	WDR (2x)	WDR(2x)	WDR (2x)
<b>DNR</b>	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR
<b>Video Compression</b>	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.264, H.265, MJPEG	H.265, H.264, MJPEG
<b>Audio In / Out</b>	1 Line[1.0Vms, 3K ohm] / 1 Line	1 Line[1.0Vms, 3K ohm] / 1 Line	1 Line[1.0Vms, 3K ohm] / 1 Line	No	Mic / Speaker	Mic / 1 Line
<b>Alarm In / Out</b>	1 Line / 1 Line	1 Line / 1 Line	1 Line / 1 Line	No	1 Line / 1 Line	1 Line / 1 Line
<b>Video Output</b>	1 [CVBS 1.0V p-p (75Ω)]	1 [CVBS 1.0V p-p (75Ω)]	1 [CVBS 1.0V p-p (75Ω)]	No	No	1 [CVBS 1.0V p-p (75Ω)] / No
<b>Event Notification</b>	FTP, E-mail, Alarm out, SD card	FTP, E - mail, Alarm out, SD card	FTP, E - mail, Alarm out, SD card	FTP, E-Mail, Alarm Out	FTP, E-Mail, Alarm Out, SD Card, Siren, Flashlight	FTP, E-Mail, Alarm Out, SD Card
<b>Edge Storage</b>	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC	No	Micro SD / SDHC / SDXC	Micro SD, Micro SDHC, Micro SDXC
<b>Power</b>	DC 12V PoE IEEE 802.3at Class4	DC 12V PoE IEEE 802.3at Class4	DC 12V PoE IEEE 802.3at Class4	DC 12V PoE IEEE 802.3af Class3	DC 12V PoE IEEE 802.3at Class4	DC 12V PoE IEEE 802.3af Class4 / Class3
<b>Operating Temp</b>	-20°C ~ 50°C	-20°C ~ 50°C	-20°C ~ 60°C	-20°C ~ 50°C	-20°C ~ 50°C	-20°C ~ 50°C
<b>Certification</b>	FCC, CE, ROHS, UL, IK10, IP67	FCC, CE, ROHS, UL, IK10, IP67	FCC, CE, ROHS, UL, IK10, IP67	FCC, CE, ROHS, UL, IK10, IP67	FCC, CE, ROHS, IK10, IP67	FCC, CE, ROHS, UL, IK10, IP67
<b>Dimensions (W x H)</b>	310mm x 97mm	310mm x 97mm	310mm x 97mm	112mm x 96mm	125mm x 121.7mm	125mm x 121.7mm
<b>Weight</b>	1.2kg	1.2kg	1.2kg	0.626kg	0.88Kg	0.85kg
<b>Material</b>	Aluminum-Die Casting	Aluminum-Die Casting	Aluminum-Die Casting	Aluminum-Die Casting	Aluminum-Die Casting	Aluminum-Die Casting




















































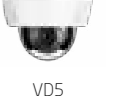














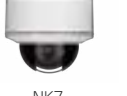




						
	SMP Mini IR Dome NVD7-45-R	2MP Mini Floor Indicator IR Dome NVD7-22-RE	4K MFZ IR Bubble Free Turret NVD11-58-R	4K IR Bubble Free Turret NVD11-58-RF	4K MFZ Flat IR Dome NVD13-58-RS	4K MFZ Flat IR Dome NVD13-58-RS_Fixed
<b>Image Device</b>	1/2.8" 5.69M CMOS	1/2.8" 2.1M CMOS	1/2.8" 8.6M CMOS	1/2.8" 8.6M CMOS	1/1.8" 9.17M CMOS	1/1.8" 9.17M CMOS
<b>Total Pixels</b>	2704 (H) x 2104 (V)	1945 (H) x 1109 (V)	3864 (H) x 2228 (V)	3864 (H) x 2228 (V)	3952 (H) x 2320 (V)	3952 (H) x 2320 (V)
<b>Focal Length</b>	2.8mm (F1.8), 4.0mm, 6.0mm, 8.0mm (F2.0) / Auto Exposure	2.1mm (F2.3 without TDN), 2.8mm (F2.0) / Auto Exposure	2.7~13.5mm, F1.4 / P-IRIS	2.8, 4.0, 6.0mm, F2.0 / Auto Exposure	3.6~10mm, F1.5 / P-IRIS	2.8, 4.0, 6.0mm F1.6 / Auto Exposure
<b>MIN.Illumination</b>	2.8mm : 0.13Lux, 0Lux with IR (F1.8) etc : 0.16Lux, 0Lux with IR (F2.0)	2.1mm : 0.07Lux, Non IR (F2.3) 2.8mm : 0.05Lux, 0Lux with IR (F2.0)	Color : 0.09Lux / BW : 0Lux with IR	Color : 0.12Lux / BW : 0Lux with IR	Color : 0.09Lux / BW : 0Lux with IR	Color : 0.1Lux / BW : 0Lux with IR
<b>Horizontal Angle</b>	102.4° (2.8mm) / 82.3° (4mm) / 51.9° (6mm) / 37.8° (8mm)	147° (2.1mm) / 111° (2.8mm)	90.3° ~ 33.1°	105.4° (2.8mm), 85.8° (4mm), 54.6° (6mm)	98.4° ~ 45.7°	106° (2.8mm), 85.7° (4mm), 54.6° (6mm)
<b>IR</b>	H 2 IR	H 2 IR	H2IR	H2IR	H 2 IR	H 2 IR
<b>Day &amp; Night</b>	TDN (True Day & Night)	TDN (True Day & Night)	TDN (True Day & Night)	TDN (True Day & Night)	TDN (True Day & Night)	TDN (True Day & Night)
<b>WDR</b>	WDR (2x)	WDR (2x)	WDR (2x)	WDR (2x)	WDR (2x)	WDR (2x)
<b>DNR</b>	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR
<b>Video Compression</b>	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
<b>Audio In / Out</b>	Mic / No	1Line / 1Line	1 Line[1.0Vms, 3K ohm] / 1 Line	1 Line[1.0Vms, 3K ohm] / 1 Line	1 Line[1.0Vms, 3K ohm] / 1 Line	1 Line[1.0Vms, 3K ohm] / 1 Line
<b>Alarm In / Out</b>	No	No	1 Line / 1 Line	1 Line / 1 Line	1 Line / 1 Line	1 Line / 1 Line
<b>Video Output</b>	No	No	1 [CVBS 1.0V p-p (75Ω)]	1 [CVBS 1.0V p-p (75Ω)]	1 [CVBS 1.0V p-p (75Ω)]	1 [CVBS 1.0V p-p (75Ω)]
<b>Event Notification</b>	FTP, E-mail, SD card	FTP, E-mail, SD card	FTP, E - mail, Alarm out, SD card	FTP, E - mail, Alarm out, SD card	FTP, E - mail, Alarm Out, SD card	FTP, E - mail, Alarm Out, SD card
<b>Edge Storage</b>	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC
<b>Power</b>	DC 12V PoE IEEE 802.3af Class 3	DC 12V PoE IEEE 802.3af Class 2	DC 12V PoE IEEE 802.3af Class3	DC 12V PoE IEEE 802.3af Class3	DC 12V PoE IEEE 802.3af Class3	DC 12V PoE IEEE 802.3af Class3
<b>Operating Temp</b>	-20°C ~ 50°C	-20°C ~ 50°C	-20°C ~ 50°C	-20°C ~ 50°C	-20°C ~ 50°C	-20°C ~ 50°C
<b>Certification</b>	FCC, CE, ROHS, IK10, IP67	FCC, CE, ROHS	FCC, CE, ROHS, IK09, IP66	FCC, CE, ROHS, IK09, IP66	FCC, CE, ROHS, IK10, IP67	FCC, CE, ROHS, IK10, IP67
<b>Dimensions (W x H)</b>	105mm x 60.7mm	105mm x 60.7mm	125mm x 112mm	125mm x 112mm	125 x 92mm	125 x 92mm
<b>Weight</b>	0.36kg	0.36kg	1kg	1kg	0.52kg	0.51kg
<b>Material</b>	Aluminum-Die Casting	Aluminum-Die Casting	Aluminum-Die Casting	Aluminum-Die Casting	Aluminum-Die Casting	Aluminum-Die Casting

						
	4K MFZ Flat IR Dome NVD13-58-R	4K Flat IR Dome NVD13-58-R_Fixed	4K MFZ IR Bullet NBT7-58-R	4K MFZ IR Bullet NBT7-58-RS	Thermal Mini Bullet NBH1-50 (200)	Thermal Mini Bullet NBH1-50 (320)
<b>Image Device</b>	1/2.8" 8.6M CMOS	1/2.8" 8.6M CMOS	1/2.8" 8.6M CMOS	1/1.8" 8.6M CMOS	200 (H) X 150 (V) CMOS	320 (H) X 240 (V) CMOS
<b>Total Pixels</b>	3864 (H) x 2228 (V)	3864 (H) x 2228 (V)	3864 (H) x 2228 (V)	3952 (H) x 2320 (V)	200 (H) x 150 (V)	320 (H) x 240 (V)
<b>Focal Length</b>	2.7~13.5mm / F1.4 / P-IRIS	2.8mm, 4.0mm, 6.0mm / F2.0 / P-IRIS	2.7~13.5mm, F1.4 / P-IRIS	3.6~10mm, F1.5 / P-IRIS	4.0mm, F1.0 / Auto Exposure	4.0mm, F1.0 / Auto Exposure
<b>MIN.Illumination</b>	Color : 0.09Lux / BW : 0Lux with IR	Color : 0.12Lux / BW : 0Lux with IR	Color : 0.09Lux / BW : 0Lux with IR	Color : 0.09Lux / BW : 0Lux with IR	-	-
<b>Horizontal Angle</b>	90.3° ~ 33.1°	105.4° (2.8mm), 85.8° (4mm), 54.6° (6mm)	90.3° ~ 33.1°	98.4° ~ 45.7°	35°	56°
<b>IR</b>	H 2 IR	H 2 IR	H 6 IR	H 6 IR	Non-IR	Non-IR
<b>Day &amp; Night</b>	TDN (True Day & Night)	TDN (True Day & Night)	TDN (True Day & Night)	TDN (True Day & Night)	No	No
<b>WDR</b>	WDR (2x)	WDR (2x)	WDR (2x)	WDR (2x)	No	No
<b>DNR</b>	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR
<b>Video Compression</b>	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
<b>Audio In / Out</b>	1 Line[1.0Vms, 3K ohm] / 1 Line	1 Line[1.0Vms, 3K ohm] / 1 Line	1 Line[1.0Vms, 3K ohm] / 1 Line	1 Line[1.0Vms, 3K ohm] / 1 Line	1 Line[1.0Vms, 3K ohm] / 1 Line	1 Line[1.0Vms, 3K ohm] / 1 Line
<b>Alarm In / Out</b>	1 Line / 1 Line	1 Line / 1 Line	1 Line / 1 Line	1 Line / 1 Line	1 Line / 1 Line	1 Line In/1 Line Out
<b>Video Output</b>	1 [CVBS 1.0V p-p (75Ω)]	1 [CVBS 1.0V p-p (75Ω)]	1 [CVBS 1.0V p-p (75Ω)]	1 [CVBS 1.0V p-p (75Ω)]	1 [CVBS 1.0V p-p (75Ω)]	1 [CVBS 1.0V p-p (75Ω)]
<b>Event Notification</b>	FTP, E - mail, Alarm Out, SD card	FTP, E - mail, Alarm Out, SD card	FTP, E - mail, Alarm out, SD card	FTP, E - mail, Alarm out, SD card	FTP, E - mail, Alarm out, SD card	FTP, E - mail, Alarm out, SD card
<b>Edge Storage</b>	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC	Micro SD / SDHC / SDXC
<b>Power</b>	DC 12V PoE IEEE 802.3af Class3	DC 12V PoE IEEE 802.3af Class3	DC 12V PoE IEEE 802.3at Class4	DC 12V PoE IEEE 802.3at Class4	DC 12V PoE IEEE 802.3af Class3	DC 12V PoE IEEE 802.3af Class3
<b>Operating Temp</b>	-20°C ~ 50°C	-20°C ~ 50°C	-20°C ~ 60°C	-20°C ~ 60°C	-40°C ~ 50°C	-40°C ~ 50°C
<b>Certification</b>	FCC, CE, ROHS, IK10, IP67	FCC, CE, ROHS, IK10, IP67	FCC, CE, IK10, IP67	FCC, CE, ROHS, IK10, IP67	FCC, CE, ROHS, IP66	FCC, CE, ROHS, IP66
<b>Dimensions (W x H)</b>	125mm x 92mm	125mm x 92mm	310mm x 97mm	310mm x 97mm	210mm x 74mm	210mm x 74mm
<b>Weight</b>	0.52kg	0.52kg	1.2kg	1.2kg	0.61kg	0.61kg
<b>Material</b>	Aluminum-Die Casting	Aluminum-Die Casting	Aluminum-Die Casting	Aluminum-Die Casting	Aluminum-Die Casting	Aluminum-Die Casting












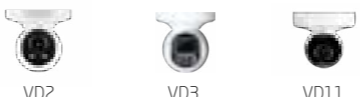










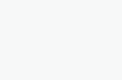
# ACCESSORIES







Mount	Bracket				Gang	Junction			Angle	Etc	Camera
	Corner / Pole	Non-Pipe	Ceiling	In-Ceiling		Wall	Gang Plate	Junction_Wall			
 BC001 (Corner)   BP01 (Pole)											
											 
											
											
											

Mount	Bracket				Gang	Junction			Angle	Etc	Camera
	Corner / Pole	Non-Pipe	Ceiling	In-Ceiling		Wall	Gang Plate	Junction_Wall			
 BC001 (Corner)   BP01 (Pole)											
											
											
											
											 



# ACCESSORIES

Mount	Bracket				Gang	Junction			Angle	Camera		
	Corner / Pole	Non-Pipe	Ceiling	In-Ceiling		Wall	Gang Plate	Junction_Wall			Junction	Junction_Angle
 BC001 (Corner)	 BC10 NPT	 BC10	 BR09 for VD13	 BW10	 GP02	 BJC03	 BJC08 for VF13	 Angle	 VD2 VD3 VD11	 VD9 VD13 VD15	 VD8 VD10 PX3	 VF13 VF10 VF2
 BP01 (Pole)	 BC11 NPT	 BC11		 BW11	 GP02	 BJC04	 BJC12	 Angle				

Mount	Bracket				Gang	Junction			Angle	Camera
	Corner / Pole	Non-Pipe	Ceiling	In-Ceiling		Wall	Gang Plate	Junction_Wall		
 BC001 (Corner)							 BJC09			 ST17
 BP01 (Pole)							 BJC07			 BI2 BI4 BT6



# Global Capability

UK  
Technology partner



South Korea  
HQ / R&D / Factory



Retailtech  
RetailTrend



CPRO is from A&S magazine  
Global "Top Security 50"  
It has been selected for 15  
consecutive years.



Vietnam  
Factory



North America  
Key partner




Since 2013, we've been working on network cameras with Ambarella chips. We've launched it, and all network cameras produced by CPRO are Complete compliance with NDAA and TAA regulations.

**1996**

Founded in

**30+**

Technology Patents

**15yrs**

Top Security 50 for

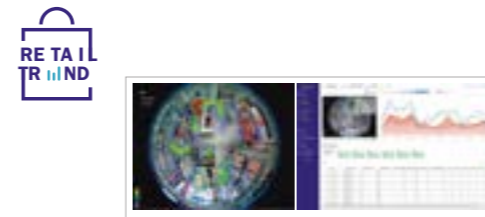
MADE IN **KOREA**

## Security Cameras



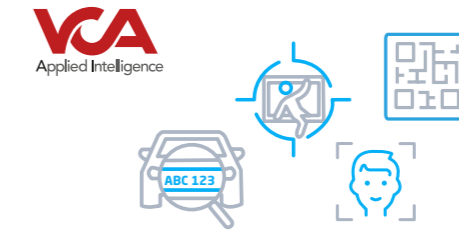
- AI / Network / Analog cameras
- Intelligent Video Analysis  
: Object / Person / Vehicle / Face / Counting / QR\_code

## RetailTech



- AI-based Visitor analysis service
- Path Tree / Pople Counting / Gender · Age / Zone Traffic / Heatmap

## Intelligent Video Analysis



- Technology Partner
- AI based on Video Analysis Solution

## DW Video Analysis Integrated Solution



- AI / Network cameras / IP
- Cloud / Server / NVR / DVR / VMS