	5Mp Fixed Focal Dome 5Mp HDR	5Mp Fixed Focal Bullet 5Mp HDR	5Mp Fixed Focal Turret 5Mp HDR	5Mp MFZ Vandal Proof Dome 5Mp HDR	5Mp MFZ Vandal Proof Bullet 5Mp HDR	5Mp MFZ Vandal Proof Turret 5Mp HDR
Model	PNCT325-TDA/2.8	PNCT325-XBU/2.8	PNCT325-XDU/2.8	PNCT325-VDZ	PNCT325-VBZ	PNCT325-XDZ
Outlook						
Reference ID						
Housing Material	Metal + Polycarbonate	Metal	Metal	Metal + Polycarbonate	Metal	Metal
System						
SoC	Innofusion C5-30GW	Innofusion C5-30GW	Innofusion C5-30GW	Innofusion C5-30GW	Innofusion C5-30GW	Innofusion C5-30GW
CPU	Dual Core ARM Cortex-A7 1GHz	Dual Core ARM Cortex-A7 1GHz	Dual Core ARM Cortex-A7 1GHz	Dual Core ARM Cortex-A7 1GHz	Dual Core ARM Cortex-A7 1GHz	Dual Core ARM Cortex-A7 1GHz
ROM	512MB/4Gb Nand Flash	512MB/4Gb Nand Flash	512MB/4Gb Nand Flash	512MB/4Gb Nand Flash	512MB/4Gb Nand Flash	512MB/4Gb Nand Flash
RAM	256MB/2Gb DDR3	256MB/2Gb DDR3	256MB/2Gb DDR3	256MB/2Gb DDR3	256MB/2Gb DDR3	256MB/2Gb DDR3
Optical						
Image Sensor	SmartSens SC530AI (1/2.7" Progressive CMOS)	SmartSens SC530AI (1/2.7" Progressive CMOS)	SmartSens SC530AI (1/2.7" Progressive CMOS)	SmartSens SC530AI (1/2.7" Progressive CMOS)	SmartSens SC530AI (1/2.7" Progressive CMOS)	SmartSens SC530AI (1/2.7" Progressive CMOS)
Effective Pixels	5Mp (2880H x 1620V)	5Mp (2880H x 1620V)	5Mp (2880H x 1620V)	5Mp (2880H x 1620V)	5Mp (2880H x 1620V)	5Mp (2880H x 1620V)
WDR Technology	DOL HDR	DOL HDR	DOL HDR	DOL HDR	DOL HDR	DOL HDR
Focal Length	2.8mm	2.8mm	2.8mm	2.7~13.5mm	2.7~13.5mm	2.7~13.5mm
F Number	F1.6	F1.6	F1.6	F1.6 ~ 3.1	F1.6 ~ 3.1	F1.6 ~ 3.1
Field of View — Diagonal	133°	133°	133°	136 ~ 37°	136 ~ 37°	136 ~ 37°
Field of View — Horizontal	111°	111°	111°	111 ~ 32.2°	111 ~ 32.2°	111 ~ 32.2°
Field of View — Vertical	59°	59°	59°	57 ~ 18°	57 ~ 18°	57 ~ 18°
IRIS	Fixed-Iris	Fixed-Iris	Fixed-Iris	Fixed-Iris	Fixed-Iris	Fixed-Iris
Ambient Light Sensor	Yes	Yes	Yes	Yes	Yes	Yes
IR Cut Filter	IR Cut Filter with Auto Switch	IR Cut Filter with Auto Switch	IR Cut Filter with Auto Switch	IR Cut Filter with Auto Switch	IR Cut Filter with Auto Switch	IR Cut Filter with Auto Switch
LED						
IR Illuminators — Type	Built-in IR Illuminators	Built-in IR Illuminators	Built-in IR Illuminators	Built-in IR Illuminators	Built-in IR Illuminators	Built-in IR Illuminators
IR Illuminators — Working Distance	Effective Up to 30m with Full FOV Coverage	Effective Up to 30m with Full FOV Coverage	Effective Up to 30m with Full FOV Coverage	Effective Up to 30m with Full FOV Coverage	Effective Up to 30m with Full FOV Coverage	Effective Up to 30m with Full FOV Coverage
IR Illuminators — Wavelength	850nm	850nm	850nm	850nm	850nm	850nm
IR Illuminators — Number of LEDs	2	2	2	2	2	2
Video						
Compression	H.264/H.265/MJPEG	H.264/H.265/MJPEG	H.264/H.265/MJPEG	H.264/H.265/MJPEG	H.264/H.265/MJPEG	H.264/H.265/MJPEG
Encode Performance	5MP@30fps (Smart VCA off / HDR off)* 5MP@20fps (Smart VCA on / HDR off)* 5MP@15fps (Smart VCA on / HDR on)*	5MP@30fps (Smart VCA off / HDR off)* 5MP@20fps (Smart VCA on / HDR off)* 5MP@15fps (Smart VCA on / HDR on)*	5MP@30fps (Smart VCA off / HDR off)* 5MP@20fps (Smart VCA on / HDR off)* 5MP@15fps (Smart VCA on / HDR on)*	5MP@30fps (Smart VCA off / HDR off)* 5MP@20fps (Smart VCA on / HDR off)* 5MP@15fps (Smart VCA on / HDR on)*	5MP@30fps (Smart VCA off / HDR off)* 5MP@20fps (Smart VCA on / HDR off)* 5MP@15fps (Smart VCA on / HDR on)*	5MP@30fps (Smart VCA off / HDR off)* 5MP@20fps (Smart VCA on / HDR off)* 5MP@15fps (Smart VCA on / HDR on)*
Image						
Wide Dynamic Range	120dB	120dB	120dB	120dB	120dB	120dB
S/N Ratio	> 60dB	> 60dB	> 60dB	> 60dB	> 60dB	> 60dB
Audio						
Compression	G.711/G.726	G.711/G.726	G.711/G.726	G.711/G.726	G.711/G.726	G.711/G.726
Microphone	N/A	Yes	Yes	Yes	Yes	Yes
Telecomm	Line In, Line Out	Line In, Line Out	Line In, Line Out	Line In, Line Out	Line In, Line Out	Line In, Line Out
Power						
Power Source	PoE 802.3af, DC12V	PoE 802.3af, DC12V	PoE 802.3af, DC12V	PoE 802.3af, DC12V	PoE 802.3af, DC12V	PoE 802.3af, DC12V
Power Consumption	DC12V Max. 4.56W (IR on) PoE Max. 5.18W (IR on)	DC12V Max. 4.56W (IR on) PoE Max. 5.18W (IR on)	TBC	DV12V Max. 7.44W (IR on) PoE Max. 7.77W (IR on)	DV12V Max. 7.44W (IR on) PoE Max. 7.77W (IR on)	TBC
Input/Output						
Connectivity	RJ-45, 10/100Mbps	RJ-45, 10/100Mbps	RJ-45, 10/100Mbps	RJ-45, 10/100Mbps	RJ-45, 10/100Mbps	RJ-45, 10/100Mbps
Connectors — Power	DC Jack, RJ-45 PoE	DC Jack, RJ-45 PoE	DC Jack, RJ-45 PoE	DC Jack, RJ-45 PoE	DC Jack, RJ-45 PoE	DC Jack, RJ-45 PoE
Connectors — Ethernet	RJ-45 Cable	RJ-45 Cable	RJ-45 Cable	RJ-45 Cable	RJ-45 Cable	RJ-45 Cable
Connectors — Alarm	DI x 1, DO x 1	DI x 1, DO x 1	DI x 1, DO x 1	DI x 1, DO x 1	DI x 1, DO x 1	DI x 1, DO x 1
Connectors — Audio I/O	3.5 Stereo Jack x 2	3.5 Stereo Jack x 2	3.5 Stereo Jack x 2	3.5 Stereo Jack x 2	3.5 Stereo Jack x 2	3.5 Stereo Jack x 2
On-Board Storage	MicroSD/SDHC/SDXC Card Slot	MicroSD/SDHC/SDXC Card Slot	MicroSD/SDHC/SDXC Card Slot	MicroSD/SDHC/SDXC Card Slot	MicroSD/SDHC/SDXC Card Slot	MicroSD/SDHC/SDXC Card Slot
AI Analytics						
Event Application	Audio Detection, Camera Tampering Detection, Smart Motion Detection, Smart VCA	Audio Detection, Camera Tampering Detection, Smart Motion Detection, Smart VCA	Audio Detection, Camera Tampering Detection, Smart Motion Detection, Smart VCA	Audio Detection, Camera Tampering Detection, Smart Motion Detection, Smart VCA	Audio Detection, Camera Tampering Detection, Smart Motion Detection, Smart VCA	Audio Detection, Camera Tampering Detection, Smart Motion Detection, Smart VCA
Smart Motion Detection	Five-window Video Motion Detection, People Detection, Vehicle Detection	Five-window Video Motion Detection, People Detection, Vehicle Detection	Five-window Video Motion Detection, People Detection, Vehicle Detection	Five-window Video Motion Detection, People Detection, Vehicle Detection	Five-window Video Motion Detection, People Detection, Vehicle Detection	Five-window Video Motion Detection, People Detection, Vehicle Detection
Smart VCA	Intrusion detection, Loitering Detection, Line Crossing Detection, Unattended Object Detection, Missing Object Detection (Face Detection, Crowd Detection, Running Detection as Option)**	Intrusion detection, Loitering Detection, Line Crossing Detection, Unattended Object Detection, Missing Object Detection (Face Detection, Crowd Detection, Running Detection as Option)**	Intrusion detection, Loitering Detection, Line Crossing Detection, Unattended Object Detection, Missing Object Detection (Face Detection, Crowd Detection, Running Detection as Option)**	Intrusion detection, Loitering Detection, Line Crossing Detection, Unattended Object Detection, Missing Object Detection (Face Detection, Crowd Detection, Running Detection as Option)**	Intrusion detection, Loitering Detection, Line Crossing Detection, Unattended Object Detection, Missing Object Detection (Face Detection, Crowd Detection, Running Detection as Option)**	Intrusion detection, Loitering Detection, Line Crossing Detection, Unattended Object Detection, Missing Object Detection (Face Detection, Crowd Detection, Running Detection as Option)**
General						
Rotation	Pan = 350° Tilt = 80° Rotation = 350°	Tilt = 90° Rotation = 180°	Pan = 360° Tilt = 70° Rotation = 360°	Pan = 353° Tilt = 75° Rotation = 350°	Tilt = 90° Rotation = 180°	Pan = 360° Tilt = 70° Rotation = 360°
Operation Temperature	Start/Working = -30°C ~ 60°C	Start/Working = -30°C ~ 60°C	Start/Working = -30°C ~ 60°C	Start/Working = -30°C ~ 60°C	Start/Working = -30°C ~ 60°C	Start/Working = -30°C ~ 60°C
Condensation	90% R.H	90% R.H	90% R.H	90% R.H	90% R.H	90% R.H
Vandal Resistance	IK10	IK10	IK10	IK10	IK10	IK10
Ingress Protection	IP66	IP66	IP66	IP66	IP66	IP66
Dimensions	Φ117.11 X 89.51mm	Camera 85mm X 85mm X 169mm Stand base Φ91mm	Φ105 X 82.8mm	Φ133.69 X 103.8mm	Camera 85mm X 85mm X 195mm Stand base Φ91mm	Φ120 X 90.5mm
Weight	562g	664g	TBC	758g	757g	TBC
Package Contents	Installation Sticker, Screw Packs, Cable Gland, L-type Wrench, Plug, Desiccant	Installation Sticker, Screw Packs, Cable Gland, L-type Wrench, Plug, Desiccant	Installation Sticker, Screw Packs, Cable Gland, L-type Wrench, Plug, Desiccant	Installation Sticker, Screw Packs, Cable Gland, L-type Wrench, Plug, Desiccant	Installation Sticker, Screw Packs, Cable Gland, L-type Wrench, Plug, Desiccant	Installation Sticker, Screw Packs, Cable Gland, L-type Wrench, Plug, Desiccant
Compliance	CE, FCC, UL, TAA, NDAA	CE, FCC, UL, TAA, NDAA	CE, FCC, UL, TAA, NDAA	CE, FCC, UL, TAA, NDAA	CE, FCC, UL, TAA, NDAA	CE, FCC, UL, TAA, NDAA