

CATEGORY	VANDAL DOME CAMERAS																			
	MODEL	IPV4B28X	IPV4E28X	IPV4E28BX	IPV4E40X	IPV4E28AIX	IPV4M28X	IPVLP428X	IPV4428X	IPV4B212MX	IPV4213MAIX	IPV5E528X	IPV528X	IPV5M28X	IPV5E212MX	IPV5213MX	IPV54213MX	IPV4KE28X	IPV4K28AIX	IPV4K212MX
Video																				
Resolution	4MP 2560 x 1440	4MP 2688 x 1520	4MP 2688 x 1520	4MP 2688 x 1520	4MP 2688 x 1520	4MP 2688 x 1520	4MP 2688 x 1520	4MP 2688 x 1520	4MP 2688 x 1520	4MP 2688 x 1520	4MP 2688 x 1520	5MP 2880 x 1620	5MP 2880 x 1620	5MP 2880 x 1620	5MP 2880 x 1620	5MP 2880 x 1620	5MP x 4 2880 x 1620	4K (8MP) 3840 x 2160	4K (8MP) 3840 x 2160	4K (8MP) 3840 x 2160
FPS @ Max Resolution	30	25	25	25	30	30	30	30	25	25	30	25	30	25	30	30	30	20	20	20
Lens	Fixed 2.8mm	Fixed 2.8mm	Fixed 2.8mm	Fixed 4mm	Fixed 2.8mm	Fixed 2.8mm	Fixed 2.8mm	Fixed 2.8mm	Fixed 2.8mm	MVF 2.8~12mm	MVF 2.7~13.5mm	Fixed 2.8mm	Fixed 2.8mm	Fixed 2.8mm	MVF 2.8~12mm	MVF 2.7~13.5mm	MVF 2.7~13.5mm	Fixed 2.8mm	Fixed 2.8mm	MVF 2.8~12mm
Chipset	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar
Sensor	1/2.9" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/3" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.8" CMOS
IR LED Max Range	98ft (30M)	98ft (30M)	98ft (30M)	98ft (30M)	98ft (30M)	131ft (40M)	98ft (30M)	98ft (30M)	98ft (30M)	131ft (40M)	131ft (40M)	98ft (30M)	98ft (30M)	131ft (40M)	131ft (40M)	131ft (40M)	131ft (40M)	98ft (30M)	98ft (30M)	131ft (40M)
Min Scene Illum (Lux)	0.01 (Col); 0 (BW, w/IR)	0.003 (Col); 0 (BW, w/IR)	0.003 (Col); 0 (BW, w/IR)	0.003 (Col); 0 (BW, w/IR)	0.003 (Col); 0 (BW, w/IR)	0.002 (Col); 0 (BW, w/IR)	0.003 (Col); 0 (BW, w/IR)	0.002 (Col); 0 (BW, w/IR)	0.002 (Col); 0 (BW, w/IR)	0.003 (Col); 0 (BW, w/IR)	0.002 (Col); 0 (BW, w/IR)	0.003 (Col); 0 (BW, w/IR)	0.003 (Col); 0 (BW, w/IR)	0.002 (Col); 0 (BW, w/IR)	0.003 (Col); 0 (BW, w/IR)	0.002 (Col); 0 (BW, w/IR)	0.002 (Col); 0 (BW, w/IR)	0.005 (Col); 0 (BW, w/IR)	0.003 (Col); 0 (BW, w/IR)	0.003 (Col); 0 (BW, w/IR)
WDR	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	130dB	120dB	120dB	120dB
Corridor Mode	n/a	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	n/a	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Video Streams	2	3	3	3	3	3	3	3	2	3	2	3	3	2	3	2	2	2	3	3
Control																				
NDA Compliant	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Material	Metal	Plastic	Plastic	Plastic	Metal	Metal	Plastic	Metal	Metal	Metal	Plastic	Metal	Metal	Plastic	Metal	Metal	Plastic	Metal	Metal	Metal
Onboard Storage	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Alarm I / O	n/a	n/a	n/a	n/a	1 / 1	1 / 1	n/a	1 / 1	1 / 1	n/a	1 / 1	n/a	1 / 1	1 / 1	n/a	1 / 1	n/a	n/a	1 / 1	1 / 1
Audio I / O	0 / 0 B/I Mic	n/a	n/a	n/a	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	0 / 0 B/I Mic	1 / 1 B/I Mic	0 / 0 B/I Mic	1 / 1 B/I Mic	1 / 1 B/I Mic	0 / 0 B/I Mic	1 / 1 B/I Mic	1 / 1 B/I Mic	1 / 1 B/I Mic	1 / 1 B/I Mic	1 / 1 B/I Mic
Operating Temp Range	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Conformity Cert's	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Power	12VDC / PoE 4W	12VDC / PoE 5.5W	12VDC / PoE 5.5W	12VDC / PoE 5.5W	12VDC / PoE 5.5W	12VDC / PoE 6.5W	12VDC / PoE 6W	12VDC / PoE 9.1W	12VDC / PoE 8W	12VDC / PoE 7W	12VDC / PoE 4.4W	12VDC / PoE 7W	12VDC / PoE 6.5W	12VDC / PoE 7.5W	12VDC / PoE 6.5W	12VDC / PoE 4.5W	12VDC / PoE 4.5W	12VDC / PoE 6W	12VDC / PoE 6W	12VDC / PoE 9W
SMART Detection Features																				
Motion	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support
Ultra Motion	n/a	Support	Support	Support	Support	Support	Support	Support	n/a	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support
Tampering	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support
Audio	Support	n/a	n/a	n/a	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support
Scene Change	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Defocus	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Cross Line	n/a	Support	Support	Support	Support	n/a	n/a	n/a	n/a	Support	n/a	Support	n/a	n/a	Support	n/a	Support	Support	n/a	n/a
Enter Area	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Leave Area	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Intrusion	n/a	Support	Support	Support	n/a	n/a	n/a	n/a	n/a	Support	n/a	Support	n/a	n/a	Support	n/a	Support	Support	n/a	n/a
Human Body	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Support	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Support	n/a	n/a
Deep Learning SMART Features																				
Smart Intrusion	n/a	n/a	n/a	n/a	Support	Support	Support	Support	n/a	Support	n/a	Support	Support	n/a	Support	Support	Support	n/a	Support	Support
People Counting	n/a	n/a	n/a	n/a	Support	Support	Support	Support	n/a	Support	n/a	Support	Support	n/a	Support	Support	Support	n/a	Support	Support
People Flow Counting	n/a	n/a	n/a	n/a	Support	Support	Support	Support	n/a	Support	n/a	Support	Support	n/a	Support	Support	Support	n/a	Support	Support
Crowd Density Monitoring	n/a	n/a	n/a	n/a	Support	Support	Support	Support	n/a	Support	n/a	Support	Support	n/a	Support	Support	Support	n/a	Support	Support
Face Capture	n/a	n/a	n/a	n/a	Support	Support	Support	Support	n/a	Support	n/a	Support	Support	n/a	Support	Support	Support	n/a	Support	Support
Heat Map	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Auto Tracking	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Panoramic Linkage	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Color Retrieval	n/a	n/a	n/a	n/a	n/a	Support	n/a	Support	n/a	n/a	n/a	n/a	n/a	Support	n/a	n/a	n/a	n/a	n/a	n/a

CATEGORY	TURRET CAMERAS																						
MODEL	IPT4B28X	IPT4E528X	IPT428AIX	IPT4M28X	IPT4B212MX	IPT4213MAIX	IPT4W128X	IPTH426X	IPTS528X	IPT5180X	IPTS2C28X	IPT528AIX	IPT5M28X	IPTS213MX	IPT4KE28X	IPT4KE528X	IPT4K28AIX	IPT4K28AIBX	IPT4K28TAIX	IPT4K212MX	IPT4K180X	IPT4KW128X	
Video	4MP 2560 x 1440	4MP 2688 x 1520	4MP 2688 x 1520	4MP 2688 x 1520	4MP 2688 x 1520	4MP 2688 x 1520	4MP 2688 x 1520	4MP 2688 x 1520	5MP 2880 x 1620	5MP 2880 x 1620	5MP 2880 x 1620	5MP 2880 x 1620	5MP 2880 x 1620	5MP 2880 x 1620	4K (8MP) 3840 x 2160	4K (8MP) 3840 x 2160	4K (8MP) 3840 x 2160	4K (8MP) 3840 x 2160	4K (8MP) 3840 x 2160	4K (8MP) 3840 x 2160	4K (8MP) 3840 x 2160	4K (8MP) 3840 x 2160	
FPS @ Max Resolution	25	25	30	30	25	30	25	30	25	30	30	30	30	25	20	20	20	20	20	20	30	20	
Lens	Fixed 2.8mm	Fixed 2.8mm	Fixed 2.8mm	Fixed 2.8mm	MVF 2.8~12mm	MVF 2.7~13.5mm	Fixed 2.8mm	Fixed 2.8mm	Fixed 2.8mm	Pano 1.68mm	Fixed 2.8mm	Fixed 2.8mm	Fixed 2.8mm	MVF 2.7~13.5mm	Fixed 2.8mm	Fixed 2.8mm	Fixed 2.8mm	Fixed 2.8mm	Fixed 2.8mm	MVF 2.8~12mm	Pano 1.68mm	Fixed 2.8mm	
Chipset	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	
Sensor	1/2.9" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/1.8" CMOS	1/2.8" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.8" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.8" CMOS	1/2.7" CMOS	1/1.8" CMOS	
IR LED Max Range	98ft (30M)	98ft (30M)	98ft (30M)	131ft (40M)	131ft (40M)	131ft (40M)	98ft (30M)	98ft (30M)	98ft (30M)	98ft (30M)	98ft (30M)	98ft (30M)	98ft (30M)	98ft (30M)	98ft (30M)	98ft (30M)	98ft (30M)	98ft (30M)	98ft (30M)	98ft (30M)	98ft (30M)	131ft (40M)	
Min Scene Illum (Lux)	0.01 (Col); 0 (BW, w/ IR)	0.003 (Col); 0 (BW, w/ IR)	0.003 (Col); 0 (BW, w/ IR)	0.002 (Col); 0 (BW, w/ IR)	0.003 (Col); 0 (BW, w/ IR)	0.002 (Col); 0 (BW, w/ IR)	0.0003 (Col)	0.01 (Col)	0.003 (Col); 0 (BW, w/ IR)	0.01 (Col); 0 (BW, w/ IR)	0.001 (Col); 0 (BW, w/ IR)	0.003 (Col); 0 (BW, w/ IR)	0.002 (Col); 0 (BW, w/ IR)	0.002 (Col); 0 (BW, w/ IR)	0.005 (Col); 0 (BW, w/ IR)	0.005 (Col); 0 (BW, w/ IR)	0.01 (Col); 0 (BW, w/ IR)	0.01 (Col); 0 (BW, w/ IR)	0.0025 (Col); 0 (BW, w/ IR)	0.003 (Col); 0 (BW, w/ IR)	0.001 (Col); 0 (BW, w/ IR)	0.0003 (Col)	
WDR	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	
Corridor Mode	n/a	Yes	Yes	Yes	Yes	Yes	n/a	n/a	Yes	n/a	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Video Streams	2	2	3	3	2	3	2	2	2	3	3	3	3	3	2	2	3	3	3	3	3	2	
General	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
NDA Compliant	Metal	Plastic	Metal	Metal	Metal	Metal	Plastic	Metal	Plastic	Metal	Metal	Metal	Metal	Metal	Plastic	Plastic	Metal	Metal	Metal	Metal	Metal	Plastic	
Onboard Storage	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	n/a	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Alarm I/O	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
Audio I/O	0/0 B/I Mic	0/0 B/I Mic	0/0 B/I Mic	0/0 B/I Mic	0/0 B/I Mic	0/0 B/I Mic	0/0 B/I Mic	0/0 B/I Mic	0/0 B/I Mic	0/0 B/I Mic	0/0 B/I Mic	0/0 B/I Mic	0/0 B/I Mic	0/0 B/I Mic	0/0 B/I Mic	0/0 B/I Mic	0/0 B/I Mic	0/0 B/I Mic	0/0 B/I Mic	B/I Mic & Spkr	0/0 B/I Mic	0/0 B/I Mic	0/0 B/I Mic
Operating Temp Range	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	
Conformity Cert's	IP67	IP67	IP67	IP67	IP67	IP67, IK10	IP67	IP67	IP67	IP67, IK10	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67, IK10	IP67, IK10	IP67	
Power	12VDC / PoE 4W	12VDC / PoE 4.4W	12VDC / PoE 4W	12VDC / PoE 6.5W	12VDC / PoE 7.5W	12VDC / PoE 7W	12VDC / PoE 2.8W	12VDC / PoE 12W	12VDC / PoE 2.8W	12VDC / PoE 5.5W	12VDC / PoE 7W	12VDC / PoE 9W	12VDC / PoE 6.5W	12VDC / PoE 7W	12VDC / PoE 4.5W	12VDC / PoE 5W	12VDC / PoE 5W	12VDC / PoE 5W	12VDC / PoE 8W	12VDC / PoE 8W	12VDC / PoE 5.5W	12VDC / PoE 3.9W	
SMART Detection Features	Support																						
Motion	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	
Ultra Motion	n/a	Support	Support	Support	Support	n/a	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	
Tampering	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	
Audio	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	
Scene Change	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
Defocus	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
Cross Line	n/a	Support	n/a	n/a	Support	n/a	Support	Support	Support	n/a	n/a	n/a	n/a	n/a	Support	Support	n/a	n/a	n/a	n/a	Support	n/a	
Enter Area	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
Leave Area	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
Intrusion	n/a	Support	n/a	n/a	Support	n/a	Support	Support	Support	n/a	n/a	n/a	n/a	n/a	Support	Support	n/a	n/a	n/a	n/a	Support	n/a	
Deep Learning SMART Features	Support																						
Smart Intrusion	n/a	n/a	Support	Support	n/a	Support	n/a	n/a	n/a	Support	n/a	Support	Support	Support	n/a	n/a	Support	Support	Support	Support	Support	n/a	
People Counting	n/a	n/a	Support	Support	n/a	Support	n/a	n/a	n/a	n/a	n/a	Support	Support	Support	n/a	n/a	Support	Support	Support	Support	Support	n/a	
People Flow Counting	n/a	n/a	Support	Support	n/a	Support	n/a	n/a	n/a	n/a	n/a	Support	Support	Support	n/a	n/a	Support	Support	Support	Support	Support	n/a	
Crowd Density Monitoring	n/a	n/a	Support	Support	n/a	Support	n/a	n/a	n/a	n/a	n/a	Support	Support	Support	n/a	n/a	Support	Support	Support	Support	Support	n/a	
Face Capture	n/a	n/a	Support	Support	n/a	Support	n/a	n/a	n/a	n/a	n/a	Support	Support	Support	n/a	n/a	Support	Support	Support	Support	Support	n/a	
Color Retrieval	n/a	n/a	n/a	Support	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Support	Support	Support	n/a	n/a	n/a	n/a	n/a	n/a	Support	n/a	

Quick Reference Guide

CATEGORY	IP BULLET CAMERAS																		
	MODEL	IPLPRB2447MX	IPB4B28X	IPB4E28X	IPB4A28AIX	IPB4B212MX	IPB4213MAIX	IPB46143MX	IPTHB480X	IPB528X	IPB5M28X	IPB5213MX	IPB5180X	IPB4KES28X	IPB4K28AIX	IPB4K212MX	IPB4K180X	IPBP4K180X	IPBP16180
Video																			
Resolution	2MP 1920 x 1080	4MP 2560 x 1440	4MP 2688 x 1520	4MP 2688 x 1520	4MP 2688 x 1520	4MP 2688 x 1520	4MP 2688 x 1520	4MP 2688 x 1520	4MP 2688 x 1520	5MP 2880 x 1620	5MP 2880 x 1620	5MP 2880 x 1620	5MP 2880 x 1620	4K (8MP) 3840 x 2160	4K (8MP) 3840 x 2160	4K (8MP) 3840 x 2160	4K (8MP) 4096 x 1800	8MP 5120 x 1440	16MP 4800 x 2688
FPS @ Max Resolution	60	25	25	30	25	30	30	30	30	25	30	30	30	20	20	20	20	20	30
Lens	MVF 4.7 ~ 47mm	Fixed 2.8mm	Fixed 2.8mm	Fixed 2.8mm	MVF 2.8~12mm	MVF 2.7~13.5mm	MVF 6.5~143mm	Fixed 8mm	Fixed 2.8mm	Fixed 2.8mm	Fixed 2.8mm	MVF 2.7~13.5mm	Pano 1.68mm	Fixed 2.8mm	Fixed 2.8mm	MVF 2.8~12mm	Pano 1.68mm	2x Fixed 4mm	4x Fixed 2.8mm
Chipset	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar
Sensor	1/2.8" CMOS	1/2.9" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.8" CMOS	1/2.7" CMOS	1/2.8" CMOS	1/2.7" CMOS	1/2.7" CMOS	4x 1/1.8" CMOS
IR LED Max Range	164ft (50M)	98ft (30M)	164ft (50M)	131ft (40M)	164ft (50M)	164ft (50M)	492ft (150M)	164ft (50M)	131ft (40M)	262ft (80M)	164ft (50M)	164ft (50M)	66ft (20M)	164ft (50M)	98ft (30M)	164ft (50M)	66ft (20M)	98ft (30M)	164ft (50M)
Min Scene Illum (Lux)	0.001 (Col); 0 (BW, w/IR)	0.01 (Col); 0 (BW, w/IR)	0.003 (Col); 0 (BW, w/IR)	0.01 (Col); 0 (BW, w/IR)	0.003 (Col); 0 (BW, w/IR)	0.002 (Col); 0 (BW, w/IR)	0.0005 (Col); 0 (BW, w/IR)	0.003 (Col); 0 (BW, w/IR)	0.003 (Col); 0 (BW, w/IR)	0.003 (Col); 0 (BW, w/IR)	0.002 (Col); 0 (BW, w/IR)	0.002 (Col); 0 (BW, w/IR)	0.01 (Col); 0 (BW, w/IR)	0.005 (Col); 0 (BW, w/IR)	0.01 (Col); 0 (BW, w/IR)	0.003 (Col); 0 (BW, w/IR)	0.01 (Col); 0 (BW, w/IR)	0.0005 (Col)	0.001 (Col); 0 (BW, w/IR)
WDR	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	130dB	Digital
Corridor Mode	n/a	n/a	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	n/a	n/a	Yes	Yes	n/a	n/a	n/a
Video Streams	3	2	2	3	2	3	3	3	3	3	3	3	3	2	3	3	3	2	3
General																			
NDAA Compliant	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Material	Metal	Plastic	Plastic	Plastic	Plastic	Metal	Metal	Metal	Plastic	Metal	Metal	Metal	Metal	Metal	Plastic	Metal	Metal	Metal	Metal
Onboard Storage	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Alarm I / O	2 / 1	0 / 0	0 / 0	0 / 0	0 / 0	1 / 1	2 / 1	2 / 2	0 / 0	1 / 1	1 / 1	1 / 1	0 / 0	0 / 0	0 / 0	1 / 1	0 / 0	1 / 1	2 / 1
Audio I / O	1 / 1	0 / 0 B/I Mic	0 / 0 B/I Mic	0 / 0 B/I Mic	0 / 0 B/I Mic	1 / 1	1 / 1	1 / 1 B/I Mic & Spkr	0 / 0 B/I Mic	1 / 1 B/I Mic	1 / 1 B/I Mic	1 / 1	0 / 0 B/I Mic	0 / 0 B/I Mic	B/I Mic & Spkr	1 / 1	0 / 0 B/I Mic	B/I Mic x 2 & Spkr	1 / 1
Operating Temp Range	-40°C ~ 60°C (-40°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-40°C ~ 70°C (-40°F ~ 158°F)
Conformity Cert's	IP67, IK10	IP67	IP67	IP67	IP67	IP67, IK10	IP67	IP67	IP67	IP67	IP67	IP67, IK10	IP67	IP67	IP67	IP67	IP67	IP67, IK10	IP67, IK10
Power	12VDC / PoE 20W	12VDC / PoE 5.5W	12VDC / PoE 6W	12VDC / PoE 4W	12VDC / PoE 9.6W	12VDC / PoE 8.5W	12VDC / PoE 21W	12VDC / PoE 12W	12VDC / PoE 4.4W	12VDC / PoE 10W	12VDC / PoE 8W	12VDC / PoE 5.5W	12VDC / PoE 6.9W	12VDC / PoE 10.5W	12VDC / PoE 10.5W	12VDC / PoE 5.5W	12VDC / PoE 13W	24VAC/24VDC (Injector) 27W	
SMART Detection Features																			
Motion	n/a	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support
Ultra Motion	n/a	n/a	Support	Support	n/a	Support	n/a	n/a	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	n/a
Tampering	n/a	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support
Audio	n/a	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support
Scene Change	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Defocus	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Support	n/a
Cross Line	n/a	n/a	Support	n/a	Support	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Support	n/a	n/a	Support	Support	n/a
Enter Area	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Support	Support	n/a
Leave Area	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Support	Support	n/a
Intrusion	n/a	n/a	Support	n/a	Support	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Support	n/a	n/a	Support	Support	n/a
Human Body	n/a	n/a	n/a	n/a	Support	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Deep Learning SMART Features																			
Smart Intrusion	n/a	n/a	n/a	Support	n/a	Support	Support	n/a	Support	Support	Support	Support	Support	n/a	Support	Support	Support	Support	n/a
People Counting	n/a	n/a	n/a	Support	n/a	Support	Support	n/a	Support	Support	Support	Support	n/a	n/a	Support	Support	n/a	n/a	n/a
People Flow Counting	n/a	n/a	n/a	Support	n/a	Support	Support	n/a	Support	Support	Support	Support	n/a	n/a	Support	Support	n/a	n/a	n/a
Crowd Density Monitoring	n/a	n/a	n/a	Support	n/a	Support	Support	n/a	Support	Support	Support	Support	n/a	n/a	Support	Support	n/a	n/a	n/a
Face Capture	n/a	n/a	n/a	Support	n/a	Support	Support	n/a	Support	Support	Support	Support	n/a	n/a	Support	Support	n/a	n/a	n/a
Color Retrieval	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Support	Support	n/a	n/a	n/a	n/a	n/a	n/a	Support	n/a

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CATEGORY	PTZ					FISHEYE	
	IPCS2428X	IPCS416X	IPCS425X	IPCS454X	IPCS4K25X	IPFE360X	IPFE12360X
MODEL							
Video							
Resolution	2MP 1920 x 1080	4MP 2688 x 1520	4MP 2688 x 1520	5MP 2880 x 1620	4K (8MP) 3840 x 2160	5MP 2592 x 1944	12MP 4000 x 3000
FPS @ Max Resolution	25	30	30	30	30	30	20
Lens	Fixed 2.8mm & MVF 4x, 2.8"-12mm	MVF 16x 5.5"-88mm	MVF 25x 4.8"-120mm	MVF 4x 2.8"-12mm	MVF 25x 6"-150mm	Fixed 1.4mm Pano	Fixed 1.8mm Pano
Chipset	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar	Mstar
Sensor	1/2.8" CMOS	1/2.9" CMOS	1/2.8" CMOS	1/2.7" CMOS	1/1.8" CMOS	1/2.8" CMOS	1/1.7" CMOS
IR LED Max Range	164ft (50M)	328ft (100M)	328ft (100M)	164ft (50M)	656ft (200M)	33ft (10M)	49ft (15M)
Min Scene Illum (Lux)	0.002 (Col); 0 (BW, w/ IR)	0.005 (Col); 0 (BW, w/ IR)	0.003 (Col); 0 (BW, w/ IR)	0.003 (Col); 0 (BW, w/ IR)	0.003 (Col); 0 (BW, w/ IR)	0.01 (Col); 0 (BW, w/ IR)	0.003 (Col); 0 (BW, w/ IR)
WDR	120dB	120dB	120dB	120dB	Digital	120dB	Digital
Corridor Mode	Yes	n/a	n/a	n/a	n/a	n/a	n/a
Video Streams	2	2	3	3	3	3	3
General							
NDAA Compliant	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Material	Metal	Metal	Metal	Metal	Metal	Metal	Metal
Onboard Storage	n/a	Yes	Yes	Yes	Yes	Yes	Yes
Alarm I / O	n/a	2 / 1	2 / 1	1 / 1	2 / 1	1 / 1	2 / 1
Audio I / O	B/I Spkr & 2 x Mic	1 / 1	1 / 1	B/I Mic & Spkr	1 / 1	1 / 1 B/I Mic x 2	1 / 1 B/I Mic x 2 & Spkr
Operating Temp Range	-20°C ~ 60°C (-4°F ~ 140°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-40°C ~ 65°C (-40°F ~ 149°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Conformity Cert's	IP66	IP66, IK10	IP67, IK10	IP66	IP66	IP67, IK10	IP67, IK10
Power	12VDC / PoE 16W	12VDC / PoE 21W	12VDC / PoE 21W	12VDC / PoE 18W	24VAC/24VDC/PoE (Injector Req'd) 60W	12VDC / PoE 8.5W	12VDC / PoE 12W
SMART Detection Features							
Motion	Support	Support	Support	Support	Support	Support	Support
Ultra Motion	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Tampering	n/a	Support	Support	Support	Support	Support	Support
Audio	Support	Support	Support	Support	Support	Support	Support
Heat Map	n/a	n/a	n/a	n/a	n/a	Support	n/a
Deep Learning SMART Features							
Smart Intrusion	Support	Support	Support	Support	Support	n/a	Support
People Counting	Support	n/a	Support	Support	Support	n/a	n/a
People Flow Counting	Support	n/a	Support	Support	Support	n/a	n/a
Crowd Density Monitoring	n/a	n/a	Support	Support	Support	n/a	n/a
Face Capture	n/a	n/a	Support	Support	Support	n/a	n/a
Heat Map	n/a	n/a	n/a	n/a	n/a	n/a	Support
Auto Tracking	n/a	Support	Support	Support	Support	n/a	n/a
Panoramic Linkage	Support	n/a	n/a	n/a	n/a	n/a	n/a

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Table with 13 columns (CATEGORY, MODEL, NR041XP, NR081XP, NR162XPC, NR164X, NR164XPQ, NR324XPC, NR324XPQ, NR648XC, NR6416X, NR12816X, NR12824, NR25624) and 30 rows detailing specifications like Video & Audio Inputs, Video & Audio Outputs, Recording Resolution, and more.

For additional product information, please visit us online at www.univiewtechnology.com or call 1-888-288-7644

CATEGORY	NETWORK VIDEO RECORDERS (NVR)												
	MODEL	NR041XP	NR081XP	NR162XPC	NR164X	NR164XPQ	NR324XPC	NR324XPQ	NR648XC	NR6416X	NR12816X	NR12824	NR25624
External Interfaces													
Network	1 x RJ-45 10M / 100M self-adaptive Ethernet Interface	1 x RJ-45 10M / 100M self-adaptive Ethernet Interface	1 x RJ45 10M/100M/1000M self-adaptive Ethernet Interface	2 x RJ-45 10M / 100M / 1000 self-adaptive Ethernet Interface	1 x RJ45 10M/100M/1000M self-adaptive Ethernet Interface	1 x RJ-45 10M / 100M / 1000 self-adaptive Ethernet Interface	1 x RJ-45 10M / 100M / 1000 self-adaptive Ethernet Interface	2 x RJ-45 10M / 100M / 1000 self-adaptive Ethernet Interface	2 RJ45 10M/100M/1000M self-adaptive Ethernet Interface	2 RJ45 10M/100M/1000M self-adaptive Ethernet Interface	4 x RJ-45 10M / 100M / 1000 self-adaptive Ethernet Interface; 2 x 1000M SFP Ethernet Interface	4 x RJ-45 10M / 100M / 1000 self-adaptive Ethernet Interface; 2 x 1000M SFP Ethernet Interface	
USB	Rear panel: 1 x USB2.0, 1 x USB3.0	Rear panel: 1 x USB2.0, 1 x USB3.0	Front panel: 1 x USB2.0 Rear panel: 1 x USB3.0	Front panel: 2 x USB2.0 Rear panel: 1 x USB3.0	Front panel: 1 x USB2.0 Rear panel: 1 x USB3.0	Front panel: 1 x USB2.0 Rear panel: 1 x USB3.0	Front panel: 1 x USB2.0 Rear panel: 1 x USB3.0	Front panel: 2 x USB2.0 Rear panel: 2 x USB3.0	Front panel: 2 x USB2.0 Rear panel: 2 x USB3.0	Front panel: 2 x USB2.0 Rear panel: 2 x USB3.0	Front panel: 2 x USB2.0 Rear panel: 2 x USB3.0	Front panel: 2 x USB2.0 Rear panel: 2 x USB3.0	
RS232	n/a	n/a	n/a	1	n/a	n/a	n/a	1	1	1	1	1	
RS485	n/a	n/a	1	1	1	1	1	1	1	1	1	1	
Alarm In	n/a	n/a	8-ch	16-ch	16-ch	16-ch	16-ch	16-ch	16-ch	16-ch	24-ch	24-ch	
Alarm Out	n/a	n/a	2-ch	4-ch	4-ch	4-ch	4-ch	10-ch	10-ch	10-ch	8-ch	8-ch	
Decoding Card Slots (optional)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	2 Slots	2 Slots	2 Slots	n/a	n/a	
Power Output	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	12V	12V	n/a	n/a	
POE													
Interface	4 x RJ-45 10M/100M self-adaptive Ethernet Interface	8 x RJ-45 10M/100M self-adaptive Ethernet Interface	16 x RJ-45 10M/100M self-adaptive Ethernet Interface	n/a	16 x RJ-45 10M/100M self-adaptive Ethernet Interface	16 x RJ-45 10M/100M self-adaptive Ethernet Interface	16 x RJ-45 10M/100M self-adaptive Ethernet Interface	n/a	n/a	n/a	n/a	n/a	
Maximum Power	Max 30W for single port Max 50W in total	Max 30W for single port Max 75W in total	Max 30W for single port Max 240W in total	n/a	Max 30W for single port Max 150W in total	Max 30W for single port Max 150W in total	Max 30W for single port Max 150W in total	n/a	n/a	n/a	n/a	n/a	
Supported Standard	IEEE 802.3af/at	IEEE 802.3af/at	IEEE 802.3af/at	n/a	IEEE 802.3af/at	IEEE 802.3af/at	IEEE 802.3af/at	n/a	n/a	n/a	n/a	n/a	
General													
NDAA Compliant	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Power Supply	48V DC / 1.35A Power Consumption: ≤ 10W (without HDD)	53V DC / 1.8A Power Consumption: ≤ 10W (without HDD)	100 ~ 240V AC Power Consumption: ≤ 20W (without HDD)	100 ~ 240V AC Power Consumption: ≤ 25W (without HDD)	100 ~ 240V AC Power Consumption: ≤ 12W (without HDD)	100 ~ 240V AC Power Consumption: ≤ 20W (without HDD)	100 ~ 240V AC Power Consumption: ≤ 12W (without HDD)	Power Consumption: ≤ 50W (without HDD)	Power Consumption: ≤ 50W (without HDD)	Power Consumption: ≤ 50W (without HDD)	Power Consumption: ≤ 70W (without HDD)	Power Consumption: ≤ 70W (without HDD)	
Working Environment	-10°C ~ +55°C (+14°F ~ +131°F); Humidity ≤ 90% RH (non-condensing)	-10°C ~ +55°C (+14°F ~ +131°F); Humidity ≤ 90% RH (non-condensing)	-10°C ~ +55°C (+14°F ~ +131°F); Humidity ≤ 90% RH (non-condensing)	-10°C ~ +55°C (+14°F ~ +131°F); Humidity ≤ 90% RH (non-condensing)	-10°C ~ +50°C (+14°F ~ +122°F); Humidity ≤ 90% RH (non-condensing)	-10°C ~ +55°C (+14°F ~ +131°F); Humidity ≤ 90% RH (non-condensing)	-10°C ~ +50°C (+14°F ~ +122°F); Humidity ≤ 90% RH (non-condensing)	-10°C ~ +55°C (+14°F ~ +131°F); Humidity ≤ 90% RH (non-condensing)	-10°C ~ +55°C (+14°F ~ +131°F); Humidity ≤ 90% RH (non-condensing)	-10°C ~ +55°C (+14°F ~ +131°F); Humidity ≤ 90% RH (non-condensing)	-10°C ~ +55°C (+14°F ~ +131°F); Humidity ≤ 90% RH (non-condensing)	-10°C ~ +55°C (+14°F ~ +131°F); Humidity ≤ 90% RH (non-condensing)	
Dimensions	205mm x 212mm x 46mm (8.1" x 8.3" x 1.8")	205mm x 212mm x 46mm (8.1" x 8.3" x 1.8")	380mm x 322mm x 53mm (15.0" x 12.7" x 2.1")	442mm x 426mm x 89mm (17.4" x 16.8" x 3.5")	400mm x 368mm x 74mm (15.0" x 12.7" x 2.1")	400mm x 368mm x 74mm (15.7" x 14.5" x 2.9")	400mm x 368mm x 74mm (15.7" x 14.5" x 2.9")	442mm x 448mm x 93mm (17.4" x 17.6" x 3.7")	482mm x 533mm x 131mm (19.0" x 21.0" x 5.1")	482mm x 533mm x 131mm (19.0" x 21.0" x 5.1")	533mm x 484.6mm x 175.5mm (21.0" x 19.1" x 6.9")	533mm x 484.6mm x 175.5mm (21.0" x 19.1" x 6.9")	
Weight	≤ 0.98Kg (2.16lb)	≤ 0.98Kg (2.16lb)	≤ 2.6Kg (5.73lb)	≤ 5.7Kg (12.57lb)	≤ 4Kg (8.8lb)	≤ 4Kg (8.82lb)	≤ 4Kg (8.8lb)	≤ 6Kg (13.23lb)	≤ 6.5 Kg (14.3 lb)	≤ 6.5 Kg (14.3 lb)	≤ 12.5 Kg (27.56 lb)	≤ 12.5 Kg (27.56 lb)	
SMART Features													
Ultra Motion Detection	IPC:4	IPC:8	IPC:16	IPC:16	IPC:16; NVR:8	IPC:8	IPC:32; NVR:8	IPC:16	IPC:64	IPC:128	IPC:64	IPC:64	
Smart Intrusion Prevention	IPC:4	IPC:8	IPC:16	IPC:16	IPC:16; NVR:4	IPC:8	IPC:32; NVR:4	IPC:16	IPC:64	IPC:128	IPC:64	IPC:64	
Face Detection/Capture	IPC:4	IPC:8	IPC:16	IPC:16	IPC:16; NVR:4	IPC:8	IPC:32; NVR:4	IPC:16	IPC:64	IPC:128	IPC:64	IPC:64	
Face Recognition	N/A	N/A	IPC:16	IPC:16	IPC:16; NVR:8	IPC:8	IPC:32; NVR:8	IPC:16	IPC:64	IPC:128	IPC:64	IPC:64	
Plate Recognition	N/A	N/A	IPC:16	IPC:16	IPC:16	IPC:8	IPC:32	IPC:16	IPC:64	IPC:128	IPC:64	IPC:64	
DeWarping by NVR	N/A	N/A	1x9MP	2x5MP or 1x4K	1x9MP	1x9MP	1x9MP	N/A	1x12MP	1x12MP	N/A	N/A	
Human Body Detection	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	
VCA Playback/Backup	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	
Face Search	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	
Behavior Search	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	
People Counting (Regular)	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	
People Flow Counting (Deep Learning)	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	
Crowd Density Monitoring (Deep Learning)	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	
Intelligent Mark	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	
Scene Change Detection	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	
Defocus Detection	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	
Auto Tracking	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	
Vehicle Recogniton by Camera	n/a	n/a	n/a	Support	n/a	n/a	Support	n/a	Support	Support	Support	Support	
Heat Map	n/a	n/a	Support	n/a	Support	n/a	Support	Support	Support	Support	Support	Support	
Object Left Behind	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	
Object Removed	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	
Dual-lens Cameras	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	
Box-Dome Linkage	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	
Point of Sale (POS)	4	8	16	16	16	16	16	32	64	128	16	16	
Thermal Imaging Cameras (Fire Detection, Smoking Detection, Temperature Measurement, Smoking and Fire Detection)	n/a	n/a	n/a	Support	Support	n/a	Support	n/a	Support	Support	Support	Support	
Color Attributes Search by NVR	n/a	n/a	Support	Support	Support	Support	Support	Support	Support	Support	Support	Support	

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CATEGORY	AHD TURRET CAMERAS					
	UHD228X	UHD2EC28X	UHD2C28X	UHD528X	UHD5EC28X	UHD5C28X
MODEL						
Video						
Resolution	2MP 1920 x 1080	2MP 1920 x 1080	2MP 1920 x 1080	5MP 2880 x 1620	5MP 2880 x 1620	5MP 2880 x 1620
Protocol	TVI / AHD / CVI / CVBS	TVI / AHD / CVI / CVBS	TVI / AHD / CVI / CVBS	TVI / AHD / CVI / CVBS	TVI / AHD / CVI / CVBS	TVI / AHD / CVI / CVBS
Frame Rates	TVI / AHD / CVI: 1080P @ 30fps, 1080P @ 25fps, 720P @ 30fps, 720P @ 25fps CVBS: NTSC, PAL	TVI / AHD / CVI: 1080P @ 30fps, 1080P @ 25fps, 720P @ 30fps, 720P @ 25fps CVBS: NTSC, PAL	TVI / AHD / CVI: 1080P @ 25fps, 1080P @ 25fps; 720P @ 30fps, 720P @ 25fps CVBS: NTSC, PAL	TVI: 5MP @ 20fps, 5MP @ 12.5fps, 4MP @ 30fps, 4MP @ 25fps, 1080P @ 30fps, 1080P @ 25fps AHD: 5MP @ 20fps, 4MP @ 30fps, 4MP @ 25fps, 1080P @ 30fps, 1080P @ 25fps CVI: 5MP @ 25fps, 4MP @ 30fps, 4MP @ 25fps, 1080P @ 30fps, 1080P @ 25fps CVBS: NTSC, PAL	TVI: 5MP @ 20fps, 5MP @ 12.5fps, 4MP @ 30fps, 4MP @ 25fps, 1080P @ 30fps, 1080P @ 25fps AHD: 5MP @ 20fps, 4MP @ 30fps, 4MP @ 25fps, 1080P @ 30fps, 1080P @ 25fps CVI: 5MP @ 25fps, 4MP @ 30fps, 4MP @ 25fps, 1080P @ 30fps, 1080P @ 25fps CVBS: NTSC, PAL	TVI: 5MP @ 20fps, 5MP @ 12.5fps, 4MP @ 30fps, 4MP @ 25fps, 1080P @ 30fps, 1080P @ 25fps AHD: 5MP @ 20fps, 4MP @ 30fps, 4MP @ 25fps, 1080P @ 30fps, 1080P @ 25fps CVI: 5MP @ 25fps, 4MP @ 30fps, 4MP @ 25fps, 1080P @ 30fps, 1080P @ 25fps CVBS: NTSC, PAL
Lens	Fixed 2.8mm	Fixed 2.8mm	Fixed 2.8mm	Fixed 2.8mm	Fixed 2.8mm	Fixed 2.8mm
Chipset	Fullhan	Fullhan	Fullhan	Fullhan	Fullhan	Fullhan
Sensor	1/3" CMOS	1/3" CMOS	1/2.9" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
IR LED Max Range	65ft (20M)	n/a	n/a	65ft (20M)	n/a	n/a
White Light Illuminators Range	n/a	One: 65ft (20M)	Two: 130ft (40M)	n/a	One: 65ft (20M)	Two: 130ft (40M)
Min Scene Illum (Lux)	0.02 (Col); 0 (BW, w/ IR)	0.02 (Col); 0 (BW, w/ white light on)	0.005 (Col); 0 (BW, w/ white light on)	0.02 (Col); 0 (BW, w/ IR)	0.02 (Col); 0 (BW, w/ white light on)	0.005 (Col); 0 (BW, w/ white light on)
WDR	Digital	Digital	Digital	Digital	Digital	Digital
General						
NDAA Compliant	Yes	Yes	Yes	Yes	Yes	Yes
Material	Plastic	Plastic	Metal	Plastic	Plastic	Metal
Power Interface	5.5mm Barrel	5.5mm Barrel	5.5mm Barrel	5.5mm Barrel	5.5mm Barrel	5.5mm Barrel
Video Output	BNC	BNC	BNC	BNC	BNC	BNC
Alarm I / O	n/a	n/a	n/a	n/a	n/a	n/a
Audio I / O	n/a	n/a	0 / 0 B/I Mic	n/a	n/a	0 / 0 B/I Mic
Operating Temp Range	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Conformity Cert's	IP67	IP67	IP67	IP67	IP67	IP67
Power	12VDC 2.88W	12VDC 2.4W	2VDC 3.12W	12VDC 3.6W	12VDC 2.4W	12VDC 3.28W
CATEGORY						
MODEL						
Video						
Resolution	2MP 1920 x 1080	2MP 1920 x 1080	2MP 1920 x 1080	5MP 2880 x 1620	5MP 2880 x 1620	5MP 2880 x 1620
Protocol	TVI / AHD / CVI / CVBS	TVI / AHD / CVI / CVBS	TVI / AHD / CVI / CVBS	TVI / AHD / CVI / CVBS	TVI / AHD / CVI / CVBS	TVI / AHD / CVI / CVBS
Frame Rates	TVI / AHD / CVI: 1080P @ 30fps, 1080P @ 25fps, 720P @ 30fps, 720P @ 25fps CVBS: NTSC, PAL	TVI / AHD / CVI: 1080P @ 30fps, 1080P @ 25fps, 720P @ 30fps, 720P @ 25fps CVBS: NTSC, PAL	TVI / AHD / CVI: 1080P @ 25fps, 1080P @ 25fps; 720P @ 30fps, 720P @ 25fps CVBS: NTSC, PAL	TVI: 5MP @ 20fps, 5MP @ 12.5fps, 4MP @ 30fps, 4MP @ 25fps, 1080P @ 30fps, 1080P @ 25fps AHD: 5MP @ 20fps, 4MP @ 30fps, 4MP @ 25fps, 1080P @ 30fps, 1080P @ 25fps CVI: 5MP @ 25fps, 4MP @ 30fps, 4MP @ 25fps, 1080P @ 30fps, 1080P @ 25fps CVBS: NTSC, PAL	TVI: 5MP @ 20fps, 5MP @ 12.5fps, 4MP @ 30fps, 4MP @ 25fps, 1080P @ 30fps, 1080P @ 25fps AHD: 5MP @ 20fps, 4MP @ 30fps, 4MP @ 25fps, 1080P @ 30fps, 1080P @ 25fps CVI: 5MP @ 25fps, 4MP @ 30fps, 4MP @ 25fps, 1080P @ 30fps, 1080P @ 25fps CVBS: NTSC, PAL	TVI: 5MP @ 20fps, 5MP @ 12.5fps, 4MP @ 30fps, 4MP @ 25fps, 1080P @ 30fps, 1080P @ 25fps AHD: 5MP @ 20fps, 4MP @ 30fps, 4MP @ 25fps, 1080P @ 30fps, 1080P @ 25fps CVI: 5MP @ 25fps, 4MP @ 30fps, 4MP @ 25fps, 1080P @ 30fps, 1080P @ 25fps CVBS: NTSC, PAL
Lens	Fixed 2.8mm	Fixed 2.8mm	Fixed 2.8mm	Fixed 2.8mm	Fixed 2.8mm	Fixed 2.8mm
Chipset	Fullhan	Fullhan	Fullhan	Fullhan	Fullhan	Fullhan
Sensor	1/3" CMOS	1/3" CMOS	1/2.9" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
IR LED Max Range	65ft (20M)	n/a	n/a	65ft (20M)	n/a	n/a
White Light Illuminators Range	n/a	One: 65ft (20M)	Two: 130ft (40M)	n/a	One: 65ft (20M)	Two: 130ft (40M)
Min Scene Illum (Lux)	0.02 (Col); 0 (BW, w/ IR)	0.02 (Col); 0 (BW, w/ white light on)	0.005 (Col); 0 (BW, w/ white light on)	0.02 (Col); 0 (BW, w/ IR)	0.02 (Col); 0 (BW, w/ white light on)	0.005 (Col); 0 (BW, w/ white light on)
WDR	Digital	Digital	Digital	Digital	Digital	Digital
General						
NDAA Compliant	Yes	Yes	Yes	Yes	Yes	Yes
Material	Plastic	Plastic	Metal	Plastic	Plastic	Metal
Power Interface	5.5mm Barrel	5.5mm Barrel	5.5mm Barrel	5.5mm Barrel	5.5mm Barrel	5.5mm Barrel
Video Output	BNC	BNC	BNC	BNC	BNC	BNC
Alarm I / O	n/a	n/a	n/a	n/a	n/a	n/a
Audio I / O	n/a	n/a	0 / 0 B/I Mic	n/a	n/a	0 / 0 B/I Mic
Operating Temp Range	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Conformity Cert's	IP67	IP67	IP67	IP67	IP67	IP67
Power	12VDC 2.88W	12VDC 2.44W	12VDC 3.12W	12VDC 3.6W	12VDC 2.4W	12VDC 3.28W

For additional product information, please visit us online at www.univiewtechnology.com or call 1-888-288-7644

Quick Reference Guide

CATEGORY	AHD HYBRID VIDEO RECORDERS (HVR)			
MODEL	HNR041X	HNR081X	HNR162X	HNR322X
Video & Audio Inputs				
Analog Video	4-ch, BNC	8-ch, BNC	16-ch, BNC	32-ch, BNC
IP Video	2-ch (only IP up to 6-ch), each channel up to 4MP	4-ch (only IP up to 12-ch), each channel up to 8MP	8-ch (only IP up to 24-ch), each channel up to 8MP	4-ch (only IP up to 36-ch), each channel up to 8MP
Supported Analog Camera Types	AHD Input: 8MP @ 15fps, 5MP @ 20fps, 4MP @ 30fps, 1080p @ 30fps, 720p @ 30fps TVI Input: 8MP @ 15fps, 5MP @ 20fps, 4MP @ 30fps, 1080p @ 30fps, 720p @ 30fps CVI Input: 8MP @ 15fps, 5MP @ 25fps, 4MP @ 30fps, 1080p @ 30fps, 720p @ 30fps CVBS Input	AHD Input: 8MP @ 15fps, 5MP @ 20fps, 4MP @ 30fps, 1080p @ 30fps, 720p @ 30fps TVI Input: 8MP @ 15fps, 5MP @ 20fps, 4MP @ 30fps, 1080p @ 30fps, 720p @ 30fps CVI Input: 8MP @ 15fps, 5MP @ 25fps, 4MP @ 30fps, 1080p @ 30fps, 720p @ 30fps CVBS Input	AHD Input: 8MP @ 15fps, 5MP @ 20fps, 4MP @ 30fps, 1080p @ 30fps, 720p @ 60fps TVI Input: 8MP @ 15fps, 5MP @ 20fps, 4MP @ 30fps, 1080p @ 30fps, 720p @ 60fps CVI Input: 8MP @ 15fps, 5MP @ 25fps, 4MP @ 30fps, 1080p @ 30fps, 720p @ 60fps CVBS Input	AHD Input: 8MP @ 15fps, 5MP @ 20fps, 4MP @ 30fps, 1080p @ 30fps, 720p @ 60fps TVI Input: 8MP @ 15fps, 5MP @ 20fps, 4MP @ 30fps, 1080p @ 30fps, 720p @ 60fps CVI Input: 8MP @ 15fps, 5MP @ 25fps, 4MP @ 30fps, 1080p @ 30fps, 720p @ 60fps CVBS Input
Audio	1-ch, RCA	1-ch, RCA	1-ch, RCA	1-ch, RCA
Audio Compression	G.711U	G.711U	G.711U	G.711U
Video & Audio Outputs				
CVBS Output	1-ch, BNC	1-ch, BNC	1-ch, BNC	1-ch, BNC
VGA Output	1920 x 1080p 60Hz, 1920 x 1080p 50Hz, 1600 x 1200 60Hz, 1280 x 1024 60Hz, 1280 x 720 60Hz, 1024 x 768 60Hz	1920 x 1080p 60Hz, 1920 x 1080p 50Hz, 1600 x 1200 60Hz, 1280 x 1024 60Hz, 1280 x 720 60Hz, 1024 x 768 60Hz	1920 x 1080p 60Hz, 1920 x 1080p 50Hz, 1600 x 1200 60Hz, 1280 x 1024 60Hz, 1280 x 720 60Hz, 1024 x 768 60Hz	1920 x 1080p 60Hz, 1920 x 1080p 50Hz, 1600 x 1200 60Hz, 1280 x 1024 60Hz, 1280 x 720 60Hz, 1024 x 768 60Hz
HDMI Output	3840 x 2160 / 30Hz, 1920 x 1080p / 60Hz, 1920 x 1080p / 50Hz, 1600 x 1200 / 60Hz, 1280 x 1024 / 60Hz, 1280 x 720 / 60Hz, 1024 x 768 / 60Hz	3840 x 2160 / 30Hz, 1920 x 1080p / 60Hz, 1920 x 1080p / 50Hz, 1600 x 1200 / 60Hz, 1280 x 1024 / 60Hz, 1280 x 720 / 60Hz, 1024 x 768 / 60Hz	3840 x 2160 / 30Hz, 1920 x 1080p / 60Hz, 1920 x 1080p / 50Hz, 1600 x 1200 / 60Hz, 1280 x 1024 / 60Hz, 1280 x 720 / 60Hz, 1024 x 768 / 60Hz	3840 x 2160 / 30Hz, 1920 x 1080p / 60Hz, 1920 x 1080p / 50Hz, 1600 x 1200 / 60Hz, 1280 x 1024 / 60Hz, 1280 x 720 / 60Hz, 1024 x 768 / 60Hz
Audio Output	1-ch, RCA	1-ch, RCA	1-ch, RCA	1-ch, RCA
Synchronous Playback	4	8	16	16
Live view display	HDMI / VGA: 1 / 4 / 6 / 8 / 9	HDMI / VGA: 1 / 4 / 6 / 8 / 9 / 16	HDMI / VGA: 1 / 4 / 6 / 8 / 9 / 16 / 25	HDMI / VGA: 1 / 4 / 6 / 8 / 9 / 16 / 25 / 36
Two-way Audio	1-ch, RCA	1-ch, RCA	1-ch, RCA	1-ch, RCA
Snapshot				
FTP / Schedule / Event Snapshot	n/a	n/a	n/a	32-ch snapshot, up to 704 x 576 resolution
Network				
Incoming Bandwidth	40Mbps (Up to 48Mbps after all analog channel conversion)	40Mbps (Up to 56Mbps after all analog channel conversion)	80Mbps (Up to 112Mbps after all analog channel conversion)	80Mbps (Up to 144Mbps after all analog channel conversion)
Outgoing Bandwidth	48Mbps	64Mbps	160Mbps	160Mbps
Remote Users	128	128	128	128
Protocols	TCP/IP, P2P, UPnP, DHCP, HTTP, HTTPS, DNS, DDNS, SMTP	TCP/IP, P2P, UPnP, DHCP, HTTP, HTTPS, DNS, DDNS, SMTP	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SMTP	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SMTP
Supported Browsers	IE (IE10/11) for Windows Firefox (version 52.0 and above) for Windows Chrome (version 45 and above) for Windows Edge (version 79 and above) for Windows	IE (IE10/11) for Windows Firefox (version 52.0 and above) for Windows Chrome (version 45 and above) for Windows Edge (version 79 and above) for Windows	IE (IE10/11) for Windows Firefox (version 52.0 and above) for Windows Chrome (version 45 and above) for Windows Edge (version 79 and above) for Windows	IE (IE10/11) for Windows Firefox (version 52.0 and above) for Windows Chrome (version 45 and above) for Windows Edge (version 79 and above) for Windows
Encoding				
Recording Resolution	8MP Lite / 5MP Lite / 4MP Lite / 1080P / 720P / CIF	8MP Lite / 5MP Lite / 4MP Lite / 1080P / 720P / CIF	8MP Lite / 5MP Lite / 4MP Lite / 1080P / 720P / CIF	8MP Lite / 5MP Lite / 4MP Lite / 1080P / 720P / CIF
Recording Frame Rate	Main Stream: 8MP Lite @ 8fps, 5MP Lite @ 12fps, 4MP Lite @ 15fps, 1080p @ 15fps, 720p @ 30fps Sub-Stream: D1 @ 8fps, D1 @ 12fps, D1 @ 15fps, D1 @ 30fps	Main Stream: 8MP Lite @ 8fps, 5MP Lite @ 12fps, 4MP Lite @ 15fps, 1080p @ 15fps, 720p @ 30fps Sub-Stream: D1 @ 8fps, D1 @ 12fps, D1 @ 15fps, D1 @ 30fps	Main Stream: 8MP Lite @ 8fps, 5MP Lite @ 12fps, 4MP Lite @ 15fps, 1080p @ 15fps, 720p @ 30fps Sub-Stream: D1 @ 8fps, D1 @ 12fps, D1 @ 15fps, D1 @ 30fps	Main Stream: 8MP Lite @ 8fps, 5MP Lite @ 12fps, 4MP Lite @ 15fps, 1080p @ 15fps, 720p @ 30fps Sub-Stream: D1 @ 8fps, D1 @ 12fps, D1 @ 15fps, D1 @ 30fps
Audio Sample Rate	8KHz, 16 bit per channel	8KHz, 16 bit per channel	8KHz, 16 bit per channel	8KHz, 16 bit per channel
Audio Bit Rate	64Kbps per channel	64Kbps per channel	64Kbps per channel	64Kbps per channel
Decoding				
Frame Rate Capability	Analog: 4 x 8MP Lite @ 8, 4 x 5MP Lite @ 12, 4 x 4MP Lite @ 15, 4 x 1080P @ 15 IP: 1 x 4MP @ 30, 2 x 1080p @ 30	Analog: 8 x 8MP Lite @ 8, 8 x 5MP Lite @ 12, 8 x 4MP Lite @ 15, 8 x 1080P @ 15 IP: 1 x 8MP @ 30, 2 x 4MP @ 30, 4 x 1080p @ 30	Analog: 16 x 8MP Lite @ 8, 16 x 5MP Lite @ 12, 16 x 4MP Lite @ 15, 16 x 1080P @ 15, 16 x 720P @ 30 IP: 24 x D1 @ 30, 16 x 720P @ 30, 8 x 1080P @ 30	Analog: 16x8MP Lite @ 8, 16x5MP Lite @ 12, 16x4MP Lite @ 15, 16x1080P @ 15, 16x720P @ 30 IP: 16x720P @ 30, 8x1080P @ 30, 4x4MP @ 30, 2x8MP @ 30
Hard Disk Drive				
SATA	1 Interface	1 Interface	2 Interfaces	2 Interfaces
Maximum Capacity	Up to 10TB	Up to 10TB	Up to 10TB each	Up to 10TB each
System Alarm				
General	Motion Detection	Motion Detection	Motion Detection	Motion Detection
Alert	IP Conflict, Network Disconnected, Disk Offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording / Snapshot Abnormal	IP Conflict, Network Disconnected, Disk Offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording / Snapshot Abnormal	IP Conflict, Network Disconnected, Disk Offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording / Snapshot Abnormal	IP Conflict, Network Disconnected, Disk Offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording / Snapshot Abnormal
External Interfaces				
Network	1 x RJ45 10M/100M self-adaptive Ethernet interface	1 x RJ45 10M/100M self-adaptive Ethernet interface	1 x RJ45 10M/100M self-adaptive Ethernet interface	1 x RJ45 10M/100M self-adaptive Ethernet interface
USB	Rear panel: 2 x USB2.0	Rear panel: 2 x USB2.0	Rear panel: 1 x USB3.0; Front panel: 1 x USB2.0	Rear panel: 1 x USB3.0; Front panel: 1 x USB2.0
RS232	n/a	n/a	n/a	n/a
RS485	1	1	1	1
Alarm In	4 – Terminal Strip	4 – Terminal Strip	4 – Terminal Strip	4 – Terminal Strip
Alarm Out	1 – Terminal Strip	1 – Terminal Strip	1 – Terminal Strip	1 – Terminal Strip
General				
NDAA Compliant	Yes	Yes	Yes	Yes
Power Supply	12V DC; Power Consumption: ≤ 10 W (without HDD)	12V DC; Power Consumption: ≤ 10 W (without HDD)	12V DC; Power Consumption: ≤ 12 W (without HDD)	12V DC; Power Consumption: ≤ 38W (without HDD)
Working Environment	-10°C ~ +55°C (+14°F ~ +131°F), Humidity ≤ 90% RH (non-condensing)	-10°C ~ +55°C (+14°F ~ +131°F), Humidity ≤ 90% RH (non-condensing)	-10°C ~ +55°C (+14°F ~ +131°F), Humidity ≤ 90% RH (non-condensing)	-10°C ~ +55°C (+14°F ~ +131°F), Humidity ≤ 90% RH (non-condensing)
Dimensions	260 × 226 × 47mm (10.2 × 8.9 × 1.8")	260 × 226 × 47mm (10.2 × 8.9 × 1.8")	380 × 326 × 53mm (15.0 × 12.8 × 2.1")	380 × 326 × 53mm (15.0 × 12.8 × 2.1")
Weight	1.1kg (2.42lb)	1.1kg (2.42lb)	4.4lb (2.0kg)	52.6kg (5.72lb)
Certifications	FCC, CE, (UL – Power Supply only)	FCC, CE, (UL – Power Supply only)	FCC, CE, (UL – Power Supply only)	FCC, CE, (UL – Power Supply only)
SMART Features				
Ultra Motion Detection	Analog camera - Support	Analog camera - Support	Analog camera - Support	Analog camera - Support
Face Detection	IP camera - Support	IP camera - Support	IP camera - Support	IP camera - Support
Intrusion Detection	n/a	n/a	n/a	n/a
Cross Line Detection	n/a	n/a	IP camera - Support	n/a
Enter Area / Leave Area	n/a	n/a	IP camera - Support	n/a
Defocus Detection	n/a	n/a	IP camera - Support	IP camera - Support
Scene Change Detection	n/a	n/a	IP camera - Support	IP camera - Support
Object Removed	n/a	n/a	IP camera - Support	IP camera - Support
Object Left Behind	n/a	n/a	IP camera - Support	IP camera - Support
Auto Tracking	n/a	n/a	IP camera - Support	IP camera - Support

For additional product information, please visit us online at www.univiewtechnology.com or call 1-888-288-7644