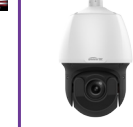


CAMERAS																						
CATEGORY	VANDAL												TURRET									
MODEL NUMBER																						
DESCRIPTION	4MP Interior Low Profile Dome NDAA Compliant	4MP Vandal Dome NDAA Compliant	4MP Vandal Dome	4MP Vandal Dome NDAA Compliant	4MP Vandal Dome NDAA Compliant	4MP Low Profile Vandal Dome NDAA Compliant	5MP Vandal Dome NDAA Compliant	5MP StarView Vandal Dome	5MP Vandal Dome NDAA Compliant	5MP StarView Vandal Dome	4K Vandal Dome NDAA Compliant	4MP Turret Dome NDAA Compliant	4MP Turret Dome NDAA Compliant	4MP Turret Dome NDAA Compliant	4MP Turret Dome NDAA Compliant	5MP Turret Dome NDAA Compliant	5MP LightHunter Turret Dome NDAA Compliant	5MP ColorHunter Turret Dome NDAA Compliant	5MP LightHunter Turret Dome NDAA Compliant	4K Turret Dome NDAA Compliant	4K Turret Dome NDAA Compliant	
RESOLUTION	2688 x 1520	2688 x 1520	2592 x 1520	2592 x 1520	2688 x 1520	2688 x 1520	2592 x 1944	2592 x 1944	2592 x 1944	2592 x 1944	3840 x 2160	2688 x 1520	2688 x 1520	2688 x 1520	2688 x 1520	2592 x 1944	2880 x 1620	2880 x 1620	2880 x 1620	3840 x 2160	3840 x 2160	
FPS @ MAX. RESOLUTION	30-fps	30-fps	20-fps	20-fps	30-fps	30-fps	20-fps	20-fps	20-fps	20-fps	20-fps	30-fps	30-fps	30-fps	20-fps	20-fps	30-fps	25-fps	25-fps	20-fps	20-fps	
LENS	Fixed 2.8mm	Fixed 2.8mm / 4mm	Fixed 2.8mm	Motorized 2.8-12mm VF	Motorized 2.8~12mm VF	Fixed 2.8mm	Fixed 2.8mm	Fixed 2.8mm	Motorized 2.8-12mm VF	Motorized 2.7~13.5mm VF	Motorized 2.8-12mm VF	Fixed 2.8mm	Fixed 2.8mm	Fixed 4mm	Motorized 2.8~12mm VF	Fixed 2.8mm	Fixed 2.8mm	Fixed 2.8mm	Motorized 2.7~13.5mm VF	Fixed 2.8mm	Motorized 2.8~12mm VF	
IMAGE SENSOR	1/3" Prog Scan CMOS	1/3" Prog Scan CMOS	1/3" Prog Scan CMOS	1/3" Prog Scan CMOS	1/3" Prog Scan CMOS	1/3" Prog Scan CMOS	1/3" Prog Scan CMOS	1/2.7" Prog Scan CMOS	1/3" Prog Scan CMOS	1/2.7" Prog Scan CMOS	1/2.8" Prog Scan CMOS	1/3" Prog Scan CMOS	1/3" Prog Scan CMOS	1/3" Prog Scan CMOS	1/3" Prog Scan CMOS	1/3" Prog Scan CMOS	1/2.7" Prog Scan CMOS	1/2.7" Prog can CMOS	1/2.7" Prog Scan CMOS	1/3" Prog Scan CMOS	1/2.8" Prog Scan CMOS	
IR LED RANGE (MAX)	98ft (30M)	98ft (30M)	98ft (30M)	98ft (30M)	98ft (30M)	98ft (30M)	98ft (30M)	98ft (30M)	98ft (30M)	98ft (30M)	131ft (40M)	98ft (30M)	98ft (30M)	98ft (30M)	98ft (30M)	98ft (30M)	98ft (30M)	98ft (30M)	131ft (40M)	98ft (30M)	131ft (40M)	
MIN. SCENE ILLUM. (LUX)	0.01 (Col); 0 (BW, w/ IR)	0.01 (Col); 0 (BW, w/ IR)	0.03 (Col); 0 (BW, w/ IR)	0.01 (Col); 0 (BW, w/ IR)	0.003 (Col); 0 (BW, w/ IR)	.003 (Col); 0 (BW, w/ IR)	0.01 (Col); 0 (BW, w/ IR)	0.005 (Col); 0 (BW, w/ IR)	0.005 (Col); 0 (BW, w/ IR)	0.002 (Col); 0 (BW, w/ IR)	0.003 (Col); 0 (BW, w/ IR)	.003 (Col); 0 (BW, w/ IR)	0.01 (Col); 0 (BW, w/ IR)	.003 (Col); 0 (BW, w/ IR)	0.003 (Col); 0 (BW, w/ IR)	0.01 (Col); 0 (BW, w/ IR)	.003 (Col); 0 (BW, w/ IR)	0.001 (Col); 0 (BW, w/ IR)	0.002 (Col); 0 (BW, w/ IR)	0.05 (Col); 0 (BW, w/ IR)	0.003 (Col); 0 (BW, w/ IR)	
WIDE DYNAMIC RANGE	120dB	120dB	120dB	Digital	120dB	120dB	Digital	120dB	Digital	120dB	120dB	120dB	120dB	120dB	120dB	Digital	120dB	120dB	120dB	120dB	120dB	
DAY/NIGHT	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	
VIDEO COMPRESSION	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265	
MULTI-STREAMING	3	3	3	3	3	3	2	3	2	3	3	3	4	3	3	2	3	3	3	3	3	
ONBOARD STORAGE	Micro-SD Slot	Micro-SD Slot	Micro-SD Slot	Micro-SD Slot	Micro-SD Slot	Micro-SD Slot	-	Micro-SD Slot	Micro-SD Slot	Micro-SD Slot	Micro-SD Slot	Micro-SD Slot	Micro-SD Slot	Micro-SD Slot	Micro-SD Slot	-	Micro-SD Slot	Micro-SD Slot	Micro-SD Slot	-	Micro-SD Slot	
ALARM (I / O)	-	1 / 1	1 / 1	-	1 / 1	-	-	1 / 1	-	1 / 1	1 / 1	-	-	-	-	-	-	-	-	-	-	
AUDIO (I / O)	1 / 1; B/I Mic	1 / 1	2 / 1	-	1 / 1	1 / 1; B/I Mic	-	2 / 1	-	1 / 1	1 / 1	1 / 0; B/I Mic	1 / 0; B/I Mic	1 / 0; B/I Mic	1 / 0; B/I Mic	-	1 / 0; B/I Mic	1 / 0; B/I Mic	1 / 0; B/I Mic	-	1 / 0; B/I Mic	
ADDITIONAL FEATURES	ONVIF, 3D-DNR, BLC, Defog, Privacy, VMD, Video Analytics	ONVIF, 3D-DNR, BLC, Defog, Privacy, VMD, Video Analytics	ONVIF, Corridor, 3D-DNR, BLC, Defog, Privacy, VMD, Video Analytics	ONVIF, 3D-DNR, BLC, Defog, Privacy, VMD	ONVIF, Corridor, 3D-DNR, BLC, Defog, Privacy, VMD, Video Analytics	ONVIF, Corridor, 3D-DNR, BLC, Defog, Privacy, VMD, Video Analytics	ONVIF, 3D-DNR, BLC, Privacy, VMD	ONVIF, Corridor, 3D-DNR, BLC, Defog, Privacy, VMD, Video Analytics	ONVIF, 3D-DNR, BLC, Defog, Privacy, VMD	ONVIF, Corridor, 3D-DNR, BLC, Defog, Privacy, VMD, Video Analytics	ONVIF, Corridor, 3D-DNR, BLC, Defog, Privacy, VMD, Video Analytics	ONVIF, Corridor, 3D-DNR, BLC, Defog, Privacy, VMD, Video Analytics	ONVIF, 3D-DNR, BLC, Defog, Privacy, VMD, Video Analytics	ONVIF, Corridor, 3D-DNR, BLC, Defog, Privacy, VMD, Video Analytics	ONVIF, 3D-DNR, BLC, Defog, Privacy, VMD, Video Analytics	ONVIF, 3D-DNR, BLC, Privacy, VMD	ONVIF, Corridor, 3D-DNR, BLC, Defog, Privacy, VMD, Video Analytics	ONVIF, Corridor, 3D-DNR, BLC, Defog, Privacy, VMD, Video Analytics	ONVIF, Corridor, 3D-DNR, BLC, Defog, Privacy, VMD, Video Analytics	ONVIF, 3D-DNR, BLC, Defog, Privacy, VMD, Video Analytics	ONVIF, Corridor, 3D-DNR, BLC, Defog, Privacy, VMD, Video Analytics	
ACCESSORIES	See Camera Accessory Guide																					
USER INSTRUCTION MANUAL	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	
OPERATING TEMP RANGE	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-30°C ~ +60°C (22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-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)	-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)	-30°C ~ +60°C (-22°F ~ 140°F)	
CONFORMITY CERT'S	CE, FCC	IP67, IK10, CE, FCC	IP67, IK10, CE, FCC	IP67, IK10, CE, FCC	IP67, IK10, CE, FCC	IP67, IK10, CE, FCC	IP67, IK10, CE, FCC	IP67, IK10, CE, FCC	IP67, IK10, CE, FCC	IP67, IK10, CE, FCC	IP67, IK10, CE, FCC	IP67, CE, FCC	IP67, IK10, CE, FCC	IP67, CE, FCC	IP67, CE, FCC	IP67, CE, FCC	IP67, CE, FCC	IP67, CE, FCC	IP67, CE, FCC	IP67, CE, FCC	IP67, IK10, CE, FCC	
POWER	12VDC / PoE 5.5W Max	12VDC / PoE 5.5W Max	12VDC / PoE 5.5W Max	12VDC / PoE 6W Max	12VDC / PoE 8.7W Max	12VDC / PoE 6W Max	12VDC / PoE 4W Max	12VDC / PoE 5.5W Max	12VDC / PoE 6W Max	12VDC / PoE 8.7W Max	12VDC / PoE 9W Max	12VDC / PoE 6W Max	12VDC / PoE 5.5W Max	12VDC / PoE 4W Max	12VDC / PoE 8.16W Max	12VDC / PoE 4W Max	12VDC / PoE 9W Max	12VDC / PoE 7.5W Max	12VDC / PoE 7W Max	12VDC / PoE 5W Max	12VDC / PoE 8.16W Max	

CAMERAS

CATEGORY	BULLET														PTZ				SPECIALTY	
MODEL NUMBER	 IPB26143M	 IPBW440	 IPB428X	 IPB440X	 IPB4E212M	 IPB4212MX	 IPB5E40	 IPB540	 IPB5C40X	 IPB5E212M	 IPB5213M	 IPB4K28X	 IPB4K212MX	 IPBP4K180	 IPCSD54X	 IPCSD230	 IPCSD233X	 IPCSD4K22X	 IPFE5360	 IPFE4K360
DESCRIPTION	2MP Long Range StarView Bullet	4MP Wi-Fi Bullet NDAA Compliant	4MP Bullet NDAA Compliant	4MP Bullet NDAA Compliant	4MP Bullet NDAA Compliant	4MP Bullet NDAA Compliant	5MP Bullet NDAA Compliant	5MP StarView Bullet	5MP ColorHunter Bullet NDAA Compliant	5MP Bullet NDAA Compliant	5MP StarView Bullet	4K Bullet NDAA Compliant	4K Bullet NDAA Compliant	4K, 180° StarView Bullet	5MP Mini-PTZ NDAA Compliant	2MP PTZ	2MP PTZ NDAA Compliant	4K PTZ	5MP 360° Panoramic Fisheye	12MP 360° Panoramic Fisheye
RESOLUTION	1920 x 1080	2560 x 1440	2688 x 1520	2688 x 1520	2592 x 1520	2688 x 1520	2592 x 1944	2592 x 1944	2880 x 1620	2592 x 1944	2592 x 1944	3840 x 2160	3840 x 2160	4096 x 1800	2880 x 1620	1920 x 1080	1920 x 1080	3840 x 2160	2592 x 1944	4000 x 3000
FPS @ MAX. RESOLUTION	60-fps	15-fps	30-fps	30-fps	20-fps	30-fps	20-fps	20-fps	25-fps	20-fps	20-fps	15-fps	20-fps	20-fps	30-fps	30-fps	60-fps	30-fps	30-fps	15-fps
LENS	Motorized 6.5 ~ 143mm	Fixed 4.0mm	Fixed 2.8mm	Fixed 4mm	Motorized 2.8-12mm VF	Motorized 2.8-12mm VF	Fixed 4mm	Fixed 4mm	Fixed 4mm	Motorized 2.8-12mm VF	Motorized 2.7~13.5mm VF	Fixed 2.8mm	Motorized 2.8-12mm VF	Fixed 4.2mm x 4	4x, 2.8 ~ 12mm	30x, 4.5 ~ 135mm	33x, 4.5 ~ 148.5mm	22x, 6.5 ~ 143mm	Fixed 1.4mm Panoramic	Fixed 1.8mm Panoramic
IMAGE SENSOR	1/2.8" Prog Scan CMOS	1/2.7" Prog Scan CMOS	1/3" Prog Scan CMOS	1/3" Prog Scan CMOS	1/3" Prog Scan CMOS	1/3" Prog Scan CMOS	1/3" Prog Scan CMOS	1/2.7" Prog Scan CMOS	1/2.7" Prog Scan CMOS	1/3" Prog Scan CMOS	1/2.7" Prog Scan CMOS	1/3" Prog Scan CMOS	1/2.8" Prog Scan CMOS	1/1.8" Prog Scan CMOS x 4	1/2.7" Prog Scan CMOS	1/3" Prog Scan CMOS	1/2.8 Prog Scan CMOS	1/1.8" Prog Scan CMOS	1/2.8" Prog Scan CMOS	1/1.7" Prog Scan CMOS
IR LED RANGE (MAX)	656ft (200M)	98ft (30M)	98ft (30M)	164ft (50M)	98ft (30M)	164ft (50M)	98ft (30M)	98ft (30M)	98ft (30M)	98ft (30M)	164ft (50M)	98ft (30M)	164ft (50M)	164ft (50M)	164ft (50M)	492ft (150M)	492ft (150M)	656ft (200M)	33ft (10M)	65ft (20M)
MIN. SCENE ILLUM. (LUX)	0.0005 (Col); 0 (BW, w/ IR)	0.2 (Col); 0 (BW, w/ IR)	0.01 (Col); 0 (BW, w/ IR)	.003 (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)	0.005 (Col); 0 (BW, w/ IR)	0.001 (Col); 0 (BW, w/ IR)	0.01 (Col); 0 (BW, w/ IR)	0.001 (Col); 0 (BW, w/ IR)	0.05 (Col); 0 (BW, w/ IR)	0.003 (Col); 0 (BW, w/ IR)	0.001 (Col); 0 (BW, w/ IR)	0.003 (Col); 0 (BW, w/ IR)	0.01 (Col); 0 (BW, w/ IR)	0.001 (Col); (BW, w/ IR)	0.003 (Col); 0 (BW, w/ IR)	0.01 (Col); 0 (BW, w/ IR)	0.05 (Col); 0 (BW, w/ IR)
WIDE DYNAMIC RANGE	120dB	Digital	120dB	120dB	Digital	120dB	Digital	120dB	120dB	Digital	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB	Digital
DAY/NIGHT	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
VIDEO COMPRESSION	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265
MULTI-STREAMING	3	3	3	3	3	3	2	3	3	2	3	3	3	3	3	3	5	3	3	3
ONBOARD STORAGE	Micro-SD Slot	Micro-SD Slot	Micro-SD Slot	Micro-SD Slot	Micro-SD Slot	Micro-SD Slot	-	-	Micro-SD Slot	Micro-SD Slot	Micro-SD Slot	-	Micro-SD Slot	Micro-SD Slot	Micro-SD Slot	Micro-SD Slot	Micro-SD Slot	Micro-SD Slot	Micro-SD Slot	Micro-SD Slot
ALARM (I / O)	2 / 1	-	-	-	-	1 / 1	-	-	1 / 1	-	1 / 1	-	1 / 1	2 / 1	1 / 1	1 / 1	1 / 1	2 / 1	1 / 1	2 / 1
AUDIO (I / O)	1 / 1	-	1 / 0; B/I Mic	1 / 0; B/I Mic	-	1 / 1	-	1 / 0; B/I Mic	1 / 1	-	1 / 1	-	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1; B/I Mic	1 / 1; B/I Mic & Spkr
ADDITIONAL FEATURES	ONVIF, Corridor, 3D-DNR, BLC, Defog, Privacy, VMD, Video Analytics	WiFi Video Transmission, ONVIF, 3D-DNR, BLC, Defog, Privacy, VMD, Video Analytics	ONVIF, 3D-DNR, BLC, Defog, Privacy, VMD, Video Analytics	ONVIF, Corridor, 3D-DNR, BLC, Defog, Privacy, VMD, Video Analytics	ONVIF, 3D-DNR, BLC, Privacy, VMD	ONVIF, 3D-DNR, BLC, Defog, Privacy, VMD, Video Analytics	ONVIF, 3D-DNR, BLC, Privacy, VMD	ONVIF, Corridor, 3D-DNR, BLC, Defog, Privacy, VMD, Video Analytics	ONVIF, Corridor, 3D-DNR, BLC, Defog, Privacy, VMD, Video Analytics	ONVIF, 3D-DNR, BLC, Privacy, VMD	ONVIF, Corridor, 3D-DNR, BLC, Defog, Privacy, VMD, Video Analytics	ONVIF, 3D-DNR, BLC, Defog, Privacy, VMD, Video Analytics	ONVIF, Corridor, 3D-DNR, BLC, Defog, Privacy, VMD, Video Analytics	Panoramic 180° View, ONVIF, 3D-DNR, BLC, Defog, Privacy, VMD, Video Analytics	ONVIF, 3D-DNR, BLC, Privacy, VMD, Video Analytics	ONVIF, 3D-DNR, BLC, Defog, Privacy, VMD, EIS, Video Analytics, Auto-Tracking	1 / 1	ONVIF, 3D-DNR, BLC, Defog, Privacy, VMD, EIS, Video Analytics	ONVIF, 3D-DNR, BLC, Defog, Privacy, VMD	ONVIF, 3D-DNR, BLC, Defog, Privacy, VMD
ACCESSORIES	See Camera Accessory Guide																			
USER INSTRUCTION MANUAL	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual
OPERATING TEMP RANGE	-40°C ~ +60°C (-40°F ~ 140°F)	-30°C ~ +50°C (-22°F ~ 122°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)	-35°C ~ 60°C (-31°F ~ 140°F)	-30°C ~ +60°C (-22°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-31°F ~ 140°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)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)
CONFORMITY CERTS	IP67, CE, FCC	IP67, CE, FCC	IP67, CE, FCC	IP67, CE, FCC	IP67, CE, FCC	IP67, CE, FCC	IP67, CE, FCC	IP67, CE, FCC	IP67, IK10, CE, FCC	IP67, CE, FCC	IP67, CE, FCC	IP67, CE, FCC	IP67, CE, FCC	IP67, CE, FCC	IP66, CE, FCC	IP66, CE, FCC	IP66, CE, FCC	IP66, CE, FCC	IP66, IK10, CE, FCC	IP66, IK10, CE, FCC
POWER	12VDC / 24VAC / PoE 21W Max	12VDC 4W Max	12VDC / PoE 6.4W Max	12VDC / PoE 6W Max	12VDC / PoE 6.5W Max	12VDC / PoE 9.5W Max	12VDC / PoE 4W Max	12VDC / PoE 6.4W Max	12VDC / PoE 9W Max	12VDC / PoE 6.5W Max	12VDC / PoE 10W Max	12VDC / PoE 5.5W Max	12VDC / PoE 10.5W Max	24VAC / 24VDC 40W Max	12VDC / PoE 18W Max	24VAC / 24VDC / PoE (PSE Req'd) 42W Max	24VAC / 24VDC / PoE (PSE Req'd) 60W Max	24VAC / 24VDC / PoE (PSE Req'd) 60W Max	12VDC / PoE 8.9W Max	12VDC / PoE 21W Max

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

HYBRID NVR'S				NETWORK RECORDERS (NVR'S)							
MODEL NUMBER	 <i>HNRX04</i>	 <i>HNRX08</i>	 <i>HNR161</i>	 <i>NR08XP</i>	 <i>NR16P2</i>	 <i>NR16P4</i>	 <i>NR32XP</i>	 <i>NR648</i>	 <i>NR6416</i>	 <i>NR12816</i>	 <i>NR25616</i>
DESCRIPTION	4ch Analog + 2ch IP Hybrid	8ch Analog + 8ch IP Hybrid	16ch Analog + 8ch IP Hybrid	8ch w/ 8 PoE, NDAA Compliant	16ch w/ 16 PoE	16ch w/ 16 PoE	32ch w/ 16 PoE NDAA Compliant	64ch NVR	64ch NVR, NDAA Compliant	128ch NVR, NDAA Compliant	256ch VMS Server, NDAA Compliant
MAX. RECORDING RESOLUTION	AHD - 5MP; TVI & CVI - 2MP; CVBS - 750TVL; IP - 5MP	AHD, TVI, CVI - 8MP; CVBS - 750TVL; IP - 8MP	AHD, TVI, CVI - 5MP; CVBS - 750TVL; IP - 8MP	4K (8MP)	12MP	12MP	4K (8MP)	4K (8MP)	12MP	12MP	12MP
VIDEO COMPRESSION	H.264	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265	H.265
BANDWIDTH - I/O	40 / 40 Mbps	64 / 64 Mbps	40 / 64 Mbps	80 / 64 Mbps	160 / 320 Mbps	160 / 320 Mbps	160 / 64 Mbps	320 / 320 Mbps	384 / 384 Mbps	512 / 384 Mbps	512 / 384 Mbps
PLAYBACK VIDEO CAPABILITY (fps)	Analog & IP Cameras: 2 x 1080p @30; IP Cameras Only: 5 x 1080p @30	2 x 8MP @30; 2 x 6MP @30; 3 x 8MP @30; 4 x 4MP @30; 4 x 3MP @30; 6 x 3MP @25; 8 x 1080p @30; 16 x 720P @30	2 x 8MP @30; 2 x 6MP @30; 3 x 8MP @30; 4 x 4MP @30; 4 x 3MP @30; 6 x 3MP @25; 8 x 1080p @30; 16 x 720P @30	2 x 4k @ 30, 3 x 5MP @ 30, 4 x 4MP @ 30, 5 x 3MP @ 30, 8 x 1080p @ 30	3 x 12MP@25, 4 x 4K@30, 8 x 4MP@30, 16 x 1080P@30	3 x 12MP@25, 4 x 4K@30, 8 x 4MP@30, 16 x 1080P@30	2 x 4K @ 30; 4 x 4MP @ 30; 5 x 3MP @ 30; 8 x 1080P @ 30; 16 x 720P @ 30; 32 x D1 @ 30	3 x 12MP@25, 4 x 4K@30, 8 x 4MP@30, 16 x 1080P@30, 32 x 960P@25, 36 x 720P@30, 64 x D1@30	4 x 12MP@20, 4 x 4K@30, 16 x 1080P@30, 36 x 720P@30, 64 x D1@30	4 x 12MP@20, 4 x 4K@30, 16 x 1080P@30, 36 x 720P@30, 64 x D1@30	4 x 4K @30; 16 x 1080p @30; 36 x 720p @30; 64 x D1 @30
CONNECTIONS											
HDMI OUTPUT	1 x 1080p - 720p	1 x 4K - 720p	1 x 1080 - 720p	1 x 4K ~ 720p	1 x 4K ~ 720p	2 x 4K ~ 720p	1 x 4K ~ 720p	2 x 4K ~ 720p	2 x 4K ~ 720p; (Add'l 4 or 6 optional)	2 x 4K ~ 720p; (Add'l 4 or 6 optional)	2 x 4K ~ 720p; (Add'l 4 or 6 optional)
VGA OUTPUT	1 x 1080 ~ 720p	1 x 1080 - 720p	1 x 1080 - 720p	1 x 1080 ~ 720p	1 x 1080 ~ 720p	1 x 1080 ~ 720p	1 x 1080 ~ 720p	1 x 1080 ~ 720p	1 x 1080 ~ 720p	1 x 1080 ~ 720p	1 x 1080 ~ 720p
AUDIO IN / OUT	RCA 4 / 1	RCA 4 / 1	RCA 1 / 1	RCA 1 / 1	RCA 1 / 1	RCA 1 / 1	RCA 1 / 1	RCA 1 / 1	RCA 1 / 1	RCA 1 / 1	RCA 1 / 1
USB	Front panel: 1 x USB2.0 Rear panel: 1 x USB2.0	Front panel: 1 x USB2.0 Rear panel: 1 x USB3.0	Rear panel: 2 x USB3.0	Rear panel: 2 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: 2 x USB2.0 Rear panel: 1 x USB3.0	Rear panel: 4 x USB3.0	Rear panel: 4 x USB3.0	Rear panel: 4 x USB3.0
ALARM IN / OUT	-	8 / 4	-	-	4 / 1	16 / 1	16 / 4	16 / 4	24 / 8	24 / 8	24 / 8
ETHERNET	1 - RJ45 Port, 10M/100M	1 - RJ45 Port, 10M/100M/1000M	1 - RJ45 Port, 10M/100M/1000M	1 - RJ45 Port, 10M/100M	1 - RJ45 Port, 10M/100M/1000M	1 - RJ45 Port, 10M/100M/1000M	1 - RJ45 Port, 10M/100M/1000M	2 - RJ45 Port, 10M/100M/1000M	4 - RJ45 Port 10M/100M/1000M (adaptive); 2 - RJ45 1000M SFP Ethernet	4 - RJ45 Port 10M/100M/1000M (adaptive); 2 - RJ45 1000M SFP Ethernet	4 - RJ45 Port 10M/100M/1000M (adaptive); 2 - RJ45 1000M SFP Ethernet
PoE	-	-	-	8 – 100Mbps RJ45 ports; IEEE 802.3af/at	16 – 100Mbps RJ45 ports; IEEE 802.3af/at	16 – 100Mbps RJ45 ports; IEEE 802.3af/at	16 – 100Mbps RJ45 ports; IEEE 802.3af/at	-	-	-	-
ESATA	-	-	-	-	-	-	-	1	1	1	1
SERIAL INTERFACE	1 x RS485	1 x RS485	1 x RS485	-	-	1 x RS485	-	1 x RS232; 1 x RS485	1 x RS232; 1 x RS485	1 x RS232; 1 x RS485	1 x RS232; 1 x RS485
MINI-SAS PORTS	-	-	-	-	-	-	-	-	2	2	2
OPERATION											
MAXIMUM PoE POWER	-	-	-	30W / port; 108W total	30W / port; 240W total	30W / port; 200W total	30W / port; 200W total	-	-	-	-
RACK MOUNT	No	Yes; Optional Accessory	No	No	Yes; Optional Accessory	Yes; Ears Included	Yes; Ears Included	Yes; Ears Included	Yes; Shelf or Rails Req'd	Yes; Shelf or Rails Req'd	Yes; Shelf or Rails Req'd
HDD BAYS & SIZES	1 SATA, up to 10TB	2 SATA, up to 10TB each	1 SATA, up to 8TB each	1 SATA, up to 10TB	2 SATA, up to 10TB each	4 SATA, up to 10TB each	4 SATA, up to 10TB each	8 SATA, up to 10TB each; Raid 0, 1, 5, 6, 10	16 SATA, (hot swappable) up to 10TB each; Raid 0, 1, 5, 6, 10, 50, 60	16 SATA, (hot swappable) up to 10TB each; Raid 0, 1, 5, 6, 10, 50, 60	16 SATA, (hot swappable) up to 10TB each; Raid 0, 1, 5, 6, 10, 50, 60
USER INSTRUCTION MANUAL	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual	Click Here for Manual
REMOTE USERS	128	128	128	128	128	128	128	128	128	128	300
PTZ CONTROL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
QUICK SETUP GUIDE	Click Here for QSG	Click Here for QSG	Click Here for QSG	Click Here for QSG	Click Here for QSG	Click Here for QSG	Click Here for QSG	Click Here for QSG	Click Here for QSG	Click Here for QSG	Click Here for QSG
ONVIF SUPPORT	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ACCESSORIES	4KTESTMON Video Test Monitor; NSW081P PoE Switch	4KTESTMON Video Test Monitor; XDLBB2 Lockbox; NSW081P & NSW162P PoE Switches; RCKERS1 Rack Ears	4KTESTMON Video Test Monitor; NSW081P & NSW162P PoE Switches	4KTESTMON Video Test Monitor	4KTESTMON Video Test Monitor; XDLBB2 Lockbox; RCKERS1 Rack Ears	4KTESTMON Video Test Monitor; LB3L Lockbox	4KTESTMON Video Test Monitor; LB3L Lockbox; NSW081P, NSW162P & NSW242P PoE Switches	4KTESTMON Video Test Monitor; LB3L Lockbox; NSW081P, NSW162P & NSW242P PoE Switches	4KTESTMON Video Test Monitor; PWR-300A-IN Redundant Power Supply; NASDE08 & DE1600 Disk Enclosures; NSW081P, NSW162P & NSW242P PoE Switches; FB-HDMI4-C-NB & FB-HDMI6-C-NB HDMI Decoder Cards	4KTESTMON Video Test Monitor; PWR-300A-IN Redundant Power Supply; NASDE08 & DE1600 Disk Enclosures; NSW081P, NSW162P & NSW242P PoE Switches; FB-HDMI4-C-NB & FB-HDMI6-C-NB HDMI Decoder Cards	4KTESTMON Video Test Monitor; PWR-300A-IN Redundant Power Supply; NASDE08 & DE1600 Disk Enclosures; NSW081P, NSW162P & NSW242P PoE Switches; FB-HDMI4-C-NB & FB-HDMI6-C-NB HDMI Decoder Cards

NVR & DISPLAY ACCESSORIES								
MODEL NUMBER	 <i>DC4K</i>	 <i>4KTESTMON</i>	 <i>RCKERS1</i>	 <i>LB3L XDLBB2</i>	 <i>NASDE08 DE1600</i>	 <i>NSW081P NSW162P NSW242P</i>	 <i>FB-HDMI4-C-NB FB-HDMI6-C-NB</i>	 <i>PWR-300A-IN</i>
DESCRIPTION	Video Decoder	Multi-Function Video Test Monitor	Rack Ears	Lockbox	Mini-SAS Disk Enclosure	8, 16 & 24 Port PoE Network Switches	HDMI Output Decoder Cards	Redundant Power Supply
FEATURES	Displays on HDMI or VGA Monitors, up to 4K Resolution	Support CVBS, TVI, CVI, AHD & IP	Provide easy rack mounting	Provide Security and Protection	8 or 16 HDD Bays	10/100Mbps Ethernet Ports	4 & 6ch HDMI outputs for Video Walls	For NVR's w/ large quantities of HDD's
	Decodes up to 12MP (4000 x 3000) Resolution Video	7" Retina Touch Screen	Rigid Galvanized Iron	Removable top Lid for easy Access	Up to 10TB each HDD	1 (8-port) & 2 x Gigabit combo ports	Multi-Window display	Protection against short circuit, overload and overvoltage
	Up to 16 cameras displayed simultaneously	HDMI I/O, up to 4K resolution Audio, Video, PoE and PING Support	No add'l Mount req'd	Keyed Lock , Front Door	Mini-SAS Interface	IEEE802.3af/t, up to 30W for single port	HDMI display output up to 4k	Front panel indicator lights
	Supports H.265, H.264, MPEG4, MPEG2		Black Color	Rack Mounts Included	Rack Mountable but mounts are not included	Rack Mounts Included	Supports H.265 or H.264	Built-in Fan for heat dissipation
	2-way Audio Decoding	Battery Operated or 12VDC	For use w/ HNR08, HNR16 & NR16P2 recorder	Tough Electrolytic Galvanized Iron	For use w/ NR6416, NR12816 & NR25616 recorders	For use w/ Hybrid's, NR32P, NR648, NR6416, NR12816 & NR25616 recorders	For use w/ NR6416, NR12816 & NR25616 recorders	For use w/ NR6416, NR12816 & NR25616