








The Intelligent Systems

Cyber Smart Hyper Vision




Intelligent Digital Security Product Selection Guide


NexNVR Series

Model					
	NViS 2310	NViS 3620	NViS 3720	nROK 5300	nROK 5500
Power Over Ethernet (PoE)	-	-	-	8 x 10/100/1000 PoE LAN with M12 connector and support IEEE802.3af (Optional with LED, LAN hub switch, Max 60W)	8 x 10/100/1000 PoE LAN with M12 connector and support IEEE802.3af (Optional with LED, LAN hub switch, Max 60W)
CPU	Intel® Atom™ processor Quad core E3845, 1.91GHz	Intel® Core™ processor Dual core i5-4300U	Intel® Core™ processor dual core i7-4650U, 1.7GHz	Intel® Core™ i5 3610ME 2.7GHz	Intel® Core™ i7 3517UE 1.7GHz
Memory	1 x 204-pin DDR3L SO-DIMM socket support 1066MHz/1333MHz up to 8GB	2 channel 204-pin DDR3L SO-DIMM socket support 1333/1600MHz up to 16GB	2 channel 204-pin DDR3L SO-DIMM socket support 1333/1600MHz up to 16GB	DDR3 1333MHz SODIMM with ECC (up to 16GB)	DDR3 1333MHz SODIMM with ECC (up to 16GB)
Graphics	-	-	-	Intel® QM77 chipsets	Intel® QM77 chipsets
Storage	1 x 2.5" SSD/HDD SATA 2.0 1 x CFast (externally accessible)	2 x 2.5" SATA 3.0 SSD/HDD 1 x CFast (externally accessible)	2 x 2.5" SATA 3.0 SSD/HDD 1 x CFast (externally accessible)	4 x 2.5" SATA SSD removable tray (3 removable tray plus 1 fixed tray for HDD)	4 x 2.5" SATA SSD removable tray (3 removable tray plus 1 fixed tray for HDD)
eSATA	N/A	N/A	N/A	N/A	N/A
RAID	N/A	Yes (SW RAID 0, 1)	Yes (SW RAID 0, 1)	YES (SW RAID 0, 1, 5, 10)	YES (SW RAID 0, 1, 5, 10)
Display	VGA/DP	VGA/DP	VGA/DP	1xVGA, 2xHDMI	1xVGA, 2xHDMI
Gigabit Ethernet	2	2	2	2 x 10/100/1000 Ethernet with M12 connector and support iAMT8.0	2 x 10/100/1000 Ethernet with M12 connector and support iAMT8.0
COM Port (edge)	2 x DB-9 RS-232 1 x DB-9 RS-232/422/485	2 x DB-9 RS-232 1 x DB-9 RS-232/422/485	2 x DB-9 RS-232 1 x DB-9 RS-232/422/485	2 x DB9 RS-232 connector (Isolation optional) 1 x DB9 RS-422/485 connector	2 x DB9 RS-232 connector (Isolation optional) 1 x DB9 RS-422/485 connector
USB (edge)	USB3.0 x 1 USB2.0 x 2	USB3.0 x 2 USB2.0 x 2	USB3.0 x 2 USB2.0 x 2	2 x USB3.0 1 x USB2.0 with M12 connector	2 x USB3.0 1 x USB2.0 with M12 connector
Expansion Slot	1 x full size Mini-PCIe socket (USB 2.0) 1 x full size Mini-PCIe socket (USB 2.0) 1 x full size Mini-PCIe socket (USB 2.0 + PCIe) 1 x half size Mini-PCIe socket (USB 2.0 + PCIe)	1 x full size Mini-PCIe socket (USB 2.0) 1 x full size Mini-PCIe socket (USB 2.0 + PCIe) 1 x full size Mini-PCIe socket (USB 2.0 + PCIe) 1 x half size Mini-PCIe socket (USB 2.0 + PCIe)	1 x full size Mini-PCIe socket (USB 2.0) 1 x full size Mini-PCIe socket (USB 2.0 + PCIe) 1 x full size Mini-PCIe socket (USB 2.0 + PCIe) 1 x half size Mini-PCIe socket (USB 2.0 + PCIe)	2 x Mini-PCIe socket (PCIe + USB) for WLAN option 1 x Mini-PCIe socket (USB) for 3.5G module option 1 x GPS or GPS with dead reckoning option	2 x Mini-PCIe socket (PCIe + USB) for WLAN option 1 x Mini-PCIe socket (USB) for 3.5G module option 1 x GPS or GPS with dead reckoning option
Power Input	DC 9~36V	DC 9~36V	DC 9~36V	DC 24V/ 110V	DC 24V/ 110V
Power Ignition Module	-	-	-	-	-
Operation System	Windows 8, WES8/ Window 7, WES7/ Linux kernel 3.X	Windows 8, WES8/ Window 7, WES7/ Linux kernel 3.X	Windows 8, WES8/ Window 7, WES7/ Linux kernel 3.X	Windows Embedded Standard 7	Windows Embedded Standard 7
Operation Temperature	Ambient with air flow: -30°C to 70°C (SSD)	Ambient with air flow: -30°C to 60°C	Ambient with air flow: -30°C to 60°C	Ambient with air -40°C to 70°C (EN50155 Class TX, 0°C to 45°C for HDD)	Ambient with air -40°C to 70°C (EN50155 Class TX, 0°C to 45°C for HDD)
Operation Vibration	MIL-STD-810G	MIL-STD-810G	MIL-STD-810G	Compliance with EN61373 Category 1 Class B	Compliance with EN61373 Category 1 Class B
Certification	e13 Mark/ CE/ FCC	e13 Mark/ CE/ FCC	e13 Mark/ CE/ FCC	CE / FCC / Compliance with EN50155	CE / FCC / Compliance with EN50155
Dimension	260 mm (W) x 176 mm (D) x 50 mm (H)	260 mm (W) x 206 mm (D) x 79.5 mm	260 mm (W) x 206 mm (D) x 79.5 mm (H)	482.6mm (W) x 400mm (D) x 88mm (H)	482.6mm (W) x 400mm (D) x 88mm (H)








NexNVR Series

Model					
	NViS 1204/08	NViS 1328	NViS 5604	NViS 6308	NViS 3542P4/P8
Power Over Ethernet (PoE)	4/8x 10/100/1000 PoE, IEEE 802.3af, 15.4W per port	8x 10/100/1000 PoE, IEEE 802.3af, 15.4W per port	-	-	4/8x 10/100 PoE, IEEE 802.3af, 15.4W per port
CPU	Intel Celeron 847E, Dual Core, 1.1GHz	Bintel® i3-2340UE, Dual Core, 1.3GHZ	Support LGA1150 socket 4th Generation Intel® Core i3/i5/i7 Processor	Support LGA1150 socket 4th Generation Intel® Core i3/i5/i7 Processor	Support Intel® Core™ i7/i5 processor up to 2.66GHz
Memory	2x 204 Pin DDR3 SO-DIMM, up to 16 GB memory	2x 204 Pin DDR3 SO-DIMM, up to 16 GB memory	2 x DDR3 1066/1333/1600 SODMIM socket, up to 16G	4 x DDR3 1066/1333/1600 SODMIM socket, up to 32G	2x 240 pin DDR3 sockets, up to 4GB memory
Graphics	HM 65	HM 65	Q87	Q87	QM57
Storage	2x2,5" HDD drive bay	2x2,5" HDD drive bay	4 x 3.5" HDD (Support Hot-wappable)	8x3.5" HDD drive bay (support Hot-swappable)	2x 2.5" HDD drive bay (Support one Hot-Swappable HDD)
eSATA	N/A	N/A	0	0	2
RAID	N/A	N/A	Yes(SW Raid 0, 1, 5, 10)	Yes(SW Raid 0, 1, 5, 10)	Yes (SW Raid 0,1)
Display	VGA/ HDMI	VGA/ HDMI	HDMI/ VGA	HDMI/ DP/ VGA	VGA/ DVI-D
Gigabit Ethernet	2	2	2	N/A	2
COM Port (edge)	0	0	3	1	4
USB (edge)	4	4	2 x USB2.0 4 x USB3.0	2+4	6
Expansion Slot	1 x mPCIe	1 x mPCIe	1 x PCI ExpressX16 or 1 x mini-PCIe	1 x PCI ExpressX16 1 x mini-PCIe/mSATA	-
Power Input	DC 24V	DC 24V	AC 100~240V	AC 100~240V	DC 9~30V
Power Ignition Module	-	-	-	-	Optional NISKIG 120
Operation System	Windows 7 Pro/WES 7	Windows 7 Pro/WES 7	Windows 7 Pro/WES7	Windows 7 Pro/WES7	Windows XP/ Win7/ WES 2009/ Linux
Operation Temperature	0~40°C	0~40°C	0°C to 40°C	0°C to 50°C	-5°C ~ 55°C
Operation Vibration	-	-	-	-	MIL-STD-810F 514.5C-3 (SSD)
Certification	CE / FCC	CE / FCC	CE/FCC	CE/FCC	e13 Mark / CE / FCC
Dimension	310mm (W) x 196mm (D) x 44mm (H)	310mm (W) x 196mm (D) x 44mm (H)	200mm (W) x 303mm (D) x 250mm (H)	437mm (W) x 648mm (D) x 89mm (H)	235mm (W) x 268 mm (D) x 101mm (H)

▶ Ultra Low Light IP Camera












Model				
	NCi-221	NCo-221-VHR	NCb-221	NCR-221-VHR
Camera				
Image Sensor	Sony 1/1.9" Exmor image sensor	Sony 1/1.9" Exmor image sensor	Sony 1/1.9" Exmor image sensor	Sony 1/1.9" Exmor image sensor
Min. lux	B/W 0 lux / Color 0.05 lux	B/W 0 lux / Color 0.05 lux	B/W 0.005 lux / Color 0.05 lux	B/W 0 lux / Color 0.05 lux
Lens	Varifocal (4-9mm, F1.3)	Motorized (4-9mm, F1.3)	CS mount	Motorized (4-9mm, F1.3)
Iris Type	P-Iris	P-Iris	DC-Iris	P-Iris
Day and Night	Yes	Yes	Yes	Yes
IR Distance	N/A	Effective up to 25 meter/82 feet	N/A	Effective up to 25 meter/82 feet
IR Control	N/A	Smart IR	N/A	Smart IR
ICR	Yes	Yes	Yes	Yes
WDR	DWDR	DWDR	DWDR	DWDR
Video				
Video Compression	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG
Video Streaming	Triple streaming H.264 Stream 1/ H.264 Stream2/ MJPEG Stream 3	Triple streaming H.264 Stream 1/ H.264 Stream2/ MJPEG Stream 3	Triple streaming H.264 Stream 1/ H.264 Stream2/ MJPEG Stream 3	Triple streaming H.264 Stream 1/ H.264 Stream2/ MJPEG Stream 3
Video Quality	VBR/CBR	VBR/CBR	VBR/CBR	VBR/CBR
Frame Rate	1920x1080 @30 fps 1280x720 @30 fps 720x576 @30 fps 720x480 @30 fps 640x480 @30 fps 320x240 @30 fps	1920x1080 @30 fps 1280x720 @30 fps 720x576 @30 fps 720x480 @30 fps 640x480 @30 fps 320x240 @30 fps	1920x1080 @30 fps 1280x720 @30 fps 720x576 @30 fps 720x480 @30 fps 640x480 @30 fps 320x240 @30 fps	1920x1080 @60 fps 1280x720 @30 fps 720x576 @30 fps 720x480 @30 fps 640x480 @30 fps 320x240 @30 fps
Network				
Interface	10/100/1000 Mbps Ethernet, RJ-45	10/100/1000 Mbps Ethernet, RJ-45	10/100/1000 Mbps Ethernet, RJ-45	10/100/1000 Mbps Ethernet, RJ-45
I/O Connector				
Audio in/ out Port	N/A	Terminal block 1 in/ 1out	3.5 mm phone jack x2	3.5 mm phone jack x2
D I/O	Dlx1,DOx1	Dlx1,DOx1	Dlx1,DOx1	Dlx1,DOx1
Micro SD Slot	Yes	Yes	Yes	Yes
Power				
DC/AC	DC 12V terminal block	DC 12V/AC 24V terminal block	DC 12V/AC 24V terminal block	DC 12V/AC 24V terminal block
PoE	IEEE 802.3af	IEEE 802.3af	IEEE 802.3af	IEEE 802.3at (PoE+)
General				
Operating Temp.	0°C~60°C/ 32°F~140°F	-40°C~60°C/ -40°F~140°F	-20°C~60°C/ -4°F~140°F	-40°C~60°C/ -40°F~140°F
Humidity	90% RH (no condensation)	90% RH (no condensation)	90% RH (no condensation)	90% RH (no condensation)
Certification	CE/FCC	CE/FCC	CE/FCC	CE/FCC
Vandal Resistant	N/A	IK10	N/A	IK08
Weather Proof	N/A	IP66, built-in heater	with housing	IP66, built-in heater


▶ 2 Megapixels IP Camera

Model								
	NCo-201-VHR	NCm-201-V	NCi-211-R	NCi-211	NCi-212	NCb-211	NCR-212-OVR	
Camera								
Image Sensor	1/3" True WDR progressive scan CMOS sensor	1/3" True WDR progressive scan CMOS sensor	1/3" progressive scan CMOS sensor	1/3" progressive scan CMOS sensor	1/3" progressive scan CMOS sensor	1/3" progressive scan CMOS sensor	1/3" progressive scan CMOS sensor	
Min. lux	B/W 0 lux / Color 0.1 lux	B/W 0.05 lux / Color 0.1 lux	B/W 0 lux / Color 0.1 lux	B/W 0.01 lux / Color 0.1 lux	B/W 0.05 lux / Color 0.1 lux	B/W 0.05 lux / Color 0.1 lux	B/W 0 lux / Color 0.1 lux	
Lens	Motorized (3-10mm, F1.4)	Fixed Lens 3.6 mm F1.8 (2.8mm optional)	Varifocal (3-10mm, F1.3)	Varifocal (3-10mm, F1.3)	Fixed Lens 3.6 mm F1.8 (2.8mm optional)	CS mount	Fixed Lens 3.6 mm F1.8 (4.2/6.0mm optional)	
Iris Type	P-Iris	Fixed Iris	DC-Iris	DC-Iris	Fixed Iris	DC-Iris	Fixed Iris	
Day and Night	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
IR Distance	Effective up to 25 meter/82 feet	N/A	Effective up to 15 meter/49.2 feet	N/A	N/A	N/A	Effective up to 25 meter/82 feet	
IR Control	Smart IR	N/A	Smart IR	N/A	N/A	N/A	Smart IR	
ICR	Yes	N/A	Yes	Yes	N/A	Yes	Yes	
WDR	True WDR 100dB	True WDR 100dB	DWDR	DWDR	DWDR	DWDR	DWDR	
Video								
Video Compression	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG	
Video Streaming	Triple streaming H.264 Stream 1/ H.264 Stream2/ MJPEG Stream 3	Triple streaming H.264 Stream 1/ H.264 Stream2/ MJPEG Stream 3	Triple streaming H.264 Stream 1/ H.264 Stream2/ MJPEG Stream 3	Triple streaming H.264 Stream 1/ H.264 Stream2/ MJPEG Stream 3	Triple streaming H.264 Stream 1/ H.264 Stream2/ MJPEG Stream 3	Triple streaming H.264 Stream 1/ H.264 Stream2/ MJPEG Stream 3	Triple streaming H.264 Stream 1/ H.264 Stream2/ MJPEG Stream 3	
Video Quality	VBR/CBR	VBR/CBR	VBR/CBR	VBR/CBR	VBR/CBR	VBR/CBR	VBR/CBR	
Frame Rate	1920x1080 @30 fps 1280x720 @30 fps 720x576 @30 fps 720x480 @30 fps 640x480 @30 fps 320x240 @30 fps	1920x1080 @30 fps 1280x720 @30 fps 720x576 @30 fps 720x480 @30 fps 640x480 @30 fps 320x240 @30 fps	1920x1080 @30 fps 1280x720 @30 fps 720x576 @30 fps 720x480 @30 fps 640x480 @30 fps 320x240 @30 fps	1920x1080 @30 fps 1280x720 @30 fps 720x576 @30 fps 720x480 @30 fps 640x480 @30 fps 320x240 @30 fps	1920x1080 @30 fps 1280x720 @30 fps 720x576 @30 fps 720x480 @30 fps 640x480 @30 fps 320x240 @30 fps	1920x1080 @30 fps 1280x720 @30 fps 720x576 @30 fps 720x480 @30 fps 640x480 @30 fps 320x240 @30 fps	1920x1080 @30 fps 1280x720 @30 fps 720x576 @30 fps 720x480 @30 fps 640x480 @30 fps 320x240 @30 fps	1920x1080 @30 fps 1280x720 @30 fps 720x576 @30 fps 720x480 @30 fps 640x480 @30 fps 320x240 @30 fps
Network								
Interface	10/100/1000 Mbps Ethernet, RJ-45	10/100/1000 Mbps Ethernet, RJ-45 (M12 Connector optional)	10/100/1000 Mbps Ethernet, RJ-45	10/100/1000 Mbps Ethernet, RJ-45	10/100/1000 Mbps Ethernet, RJ-45	10/100/1000 Mbps Ethernet, RJ-45	10/100/1000 Mbps Ethernet, RJ-45	
I/O Connector								
Audio in/ out Port	Terminal block 1 in/ 1out	N/A	N/A	N/A	N/A	3.5 mm phone jack x2	N/A	
D I/O	Dlx1,DOx1	N/A	Dlx1,DOx1	Dlx1,DOx1	Dlx1,DOx1	Dlx1,DOx1	N/A	
Micro SD Slot	Yes	Yes	Yes	Yes	Yes	Yes	N/A	
Power								
DC/AC	DC 12V/AC 24V terminal block	N/A	DC 12V terminal block	DC 12V terminal block	DC 12V terminal block	DC 12V/AC 24V terminal block	N/A	
PoE	IEEE 802.3af	IEEE 802.3af	IEEE 802.3af	IEEE 802.3af	IEEE 802.3af	IEEE 802.3af	IEEE 802.3af	
General								
Operating Temp.	-40°C~60°C/ -40°F~140°F	-40°C~60°C/ -40°F~140°F	0°C~60°C/ 32°F~140°F	0°C~60°C/ 32°F~140°F	0°C~60°C/ 32°F~140°F	-20°C~60°C/ -4°F~140°F	-20°C~60°C/ -4°F~140°F	
Humidity	90% RH (no condensation)	90% RH (no condensation)	90% RH (no condensation)	90% RH (no condensation)	90% RH (no condensation)	90% RH (no condensation)	90% RH (no condensation)	
Certification	CE/FCC	CE/FCC/EN-50155	CE/FCC	CE/FCC	CE/FCC	CE/FCC	CE/FCC	
Vandal Resistant	IK10	IK10	N/A	N/A	N/A	N/A	N/A	
Weather Proof	IP66, built-in heater	IP67	N/A	N/A	N/A	with housing	IP67	

3 Megapixels IP Camera

X86 Intelligent Syskam

Model												
Camera	NCi-301-V	NCo-301-VHR	Ncr-302-VHR	Ncr-303-VHR	NCb-301	NCm-301-V	NCi-311-R	NCi-311	NCi-312	NCb-311	Ncr-312-OVR	
Image Sensor	1/3" 3MP True WDR progressive scan CMOS sensor	1/3" 3MP True WDR progressive scan CMOS sensor	1/3" 3MP True WDR progressive scan CMOS sensor	1/3" 3MP True WDR progressive scan CMOS sensor	1/3" 3MP True WDR progressive scan CMOS sensor	1/3" 3MP True WDR progressive scan CMOS sensor	1/3" 3MP progressive scan CMOS sensor	1/3" 3MP progressive scan CMOS sensor	1/3" 3MP progressive scan CMOS sensor	1/3" 3MP progressive scan CMOS sensor	1/3" 3MP progressive scan CMOS sensor	
Min. lux	B/W 0.01 lux / Color 0.1 lux	B/W 0 lux / Color 0.1 lux	B/W 0 lux / Color 0.1 lux	B/W 0 lux / Color 0.1 lux	B/W 0.01 lux / Color 0.1 lux	B/W 0.05 lux / Color 0.1 lux	B/W 0 lux / Color 0.1 lux	B/W 0.01 lux / Color 0.1 lux	B/W 0.05 lux / Color 0.1 lux	B/W 0.01 lux / Color 0.1 lux	B/W 0 lux / Color 0.1 lux	
Lens	Motorized (3-10mm, F1.4)	Motorized (3-10mm, F1.4)	Motorized (3-10mm, F1.4)	Motorized (9-22mm, F1.5)	Motorized (3-10mm, F1.4)	Fixed Lens 3.6 mm F1.8 (2.8mm optional)	Varifocal (3-10mm, F1.3)	Varifocal (3-10mm, F1.3)	Fixed Lens 3.6 mm F1.8 (2.8mm optional)	CS mount	Fixed Lens 3.6 mm F1.8 (4.2/6.0mm optional)	
Iris Type	P-Iris	P-Iris	P-Iris	P-Iris	P-Iris	Fixed Iris	DC-Iris	DC-Iris	Fixed Iris	DC-Iris	Fixed Iris	
Day and Night	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
IR Distance	N/A	Effective up to 25 meter/82 feet	Effective up to 25 meter/82 feet	Effective up to 40 meter/131.2 feet	N/A	N/A	Effective up to 15 meter/49.2 feet	N/A	N/A	N/A	Effective up to 25 meter/82 feet	
IR Control	N/A	Smart IR	Smart IR	Smart IR	N/A	N/A	Smart IR	N/A	N/A	N/A	Smart IR	
ICR	Yes	Yes	Yes	Yes	Yes	N/A	Yes	Yes	N/A	Yes	Yes	
WDR	True WDR 100dB	True WDR 100dB	True WDR 100dB	True WDR 100dB	True WDR 100dB	True WDR 100dB	DWDR	DWDR	DWDR	DWDR	DWDR	
Video Compression	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG	
Video Streaming	Triple streaming H.264 Stream 1/ H.264 Stream2/ MJPEG Stream 3	Triple streaming H.264 Stream 1/ H.264 Stream2/ MJPEG Stream 3	Triple streaming H.264 Stream 1/ H.264 Stream2/ MJPEG Stream 3	Triple streaming H.264 Stream 1/ H.264 Stream2/ MJPEG Stream 3	Triple streaming H.264 Stream 1/ H.264 Stream2/ MJPEG Stream 3	Triple streaming H.264 Stream 1/ H.264 Stream2/ MJPEG Stream 3	Triple streaming H.264 Stream 1/ H.264 Stream2/ MJPEG Stream 3	Triple streaming H.264 Stream 1/ H.264 Stream2/ MJPEG Stream 3	Triple streaming H.264 Stream 1/ H.264 Stream2/ MJPEG Stream 3	Triple streaming H.264 Stream 1/ H.264 Stream2/ MJPEG Stream 3	Triple streaming H.264 Stream 1/ H.264 Stream2/ MJPEG Stream 3	
Video Quality	VBR/CBR	VBR/CBR	VBR/CBR	VBR/CBR	VBR/CBR	VBR/CBR	VBR/CBR	VBR/CBR	VBR/CBR	VBR/CBR	VBR/CBR	
Frame Rate	2048x1536 @30 fps 1920x1080 @60 fps 1280x720 @30 fps 720x576 @30 fps 720x480 @30 fps 640x480 @30 fps 320x240 @30 fps	2048x1536 @30 fps 1920x1080 @60 fps 1280x720 @30 fps 720x576 @30 fps 720x480 @30 fps 640x480 @30 fps 320x240 @30 fps	2048x1536 @30 fps 1920x1080 @60 fps 1280x720 @30 fps 720x576 @30 fps 720x480 @30 fps 640x480 @30 fps 320x240 @30 fps	2048x1536 @30 fps 1920x1080 @60 fps 1280x720 @30 fps 720x576 @30 fps 720x480 @30 fps 640x480 @30 fps 320x240 @30 fps	2048x1536 @30 fps 1920x1080 @60 fps 1280x720 @30 fps 720x576 @30 fps 720x480 @30 fps 640x480 @30 fps 320x240 @30 fps	2048x1536 @30 fps 1920x1080 @60 fps 1280x720 @30 fps 720x576 @30 fps 720x480 @30 fps 640x480 @30 fps 320x240 @30 fps	2048x1536 @20 fps 1920x1080 @30 fps 1280x720 @30 fps 720x576 @30 fps 720x480 @30 fps 640x480 @30 fps 320x240 @30 fps	2048x1536 @20 fps 1920x1080 @30 fps 1280x720 @30 fps 720x576 @30 fps 720x480 @30 fps 640x480 @30 fps 320x240 @30 fps	2048x1536 @20 fps 1920x1080 @30 fps 1280x720 @30 fps 720x576 @30 fps 720x480 @30 fps 640x480 @30 fps 320x240 @30 fps	2048x1536 @20 fps 1920x1080 @30 fps 1280x720 @30 fps 720x576 @30 fps 720x480 @30 fps 640x480 @30 fps 320x240 @30 fps	2048x1536 @20 fps 1920x1080 @30 fps 1280x720 @30 fps 720x576 @30 fps 720x480 @30 fps 640x480 @30 fps 320x240 @30 fps	2048x1536 @20 fps 1920x1080 @30 fps 1280x720 @30 fps 720x576 @30 fps 720x480 @30 fps 640x480 @30 fps 320x240 @30 fps
Network	10/100/1000 Mbps Ethernet, RJ-45	10/100/1000 Mbps Ethernet, RJ-45	10/100/1000 Mbps Ethernet, RJ-45	10/100/1000 Mbps Ethernet, RJ-45	10/100/1000 Mbps Ethernet, RJ-45	10/100/1000 Mbps Ethernet, RJ-45 (M12 Connector optional)	10/100/1000 Mbps Ethernet, RJ-45	10/100/1000 Mbps Ethernet, RJ-45	10/100/1000 Mbps Ethernet, RJ-45	10/100/1000 Mbps Ethernet, RJ-45	10/100/1000 Mbps Ethernet, RJ-45	
Interface	10/100/1000 Mbps Ethernet, RJ-45	10/100/1000 Mbps Ethernet, RJ-45	10/100/1000 Mbps Ethernet, RJ-45	10/100/1000 Mbps Ethernet, RJ-45	10/100/1000 Mbps Ethernet, RJ-45	10/100/1000 Mbps Ethernet, RJ-45 (M12 Connector optional)	10/100/1000 Mbps Ethernet, RJ-45	10/100/1000 Mbps Ethernet, RJ-45	10/100/1000 Mbps Ethernet, RJ-45	10/100/1000 Mbps Ethernet, RJ-45	10/100/1000 Mbps Ethernet, RJ-45	
I/O Connector	Terminal block 1 in/ 1out	Terminal block 1 in/ 1out	3.5 mm phone jack x2	3.5 mm phone jack x2	3.5 mm phone jack x2	N/A	N/A	N/A	N/A	3.5 mm phone jack x2	N/A	
Audio in/ out Port	Terminal block 1 in/ 1out	Terminal block 1 in/ 1out	3.5 mm phone jack x2	3.5 mm phone jack x2	3.5 mm phone jack x2	N/A	N/A	N/A	N/A	3.5 mm phone jack x2	N/A	
D I/O	Dlx1,DOx1	Dlx1,DOx1	Dlx1,DOx1	Dlx1,DOx1	Dlx1,DOx1	N/A	Dlx1,DOx1	Dlx1,DOx1	Dlx1,DOx1	Dlx1,DOx1	N/A	
Micro SD Slot	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	N/A	
Power	DC 12V/AC 24V terminal block	DC 12V/AC 24V terminal block	DC 12V/AC 24V terminal block	DC 12V/AC 24V terminal block	DC 12V/AC 24V terminal block	N/A	DC 12V terminal block	DC 12V terminal block	DC 12V terminal block	DC 12V/AC 24V terminal block	N/A	
DC/AC	DC 12V/AC 24V terminal block	DC 12V/AC 24V terminal block	DC 12V/AC 24V terminal block	DC 12V/AC 24V terminal block	DC 12V/AC 24V terminal block	N/A	DC 12V terminal block	DC 12V terminal block	DC 12V terminal block	DC 12V/AC 24V terminal block	N/A	
PoE	IEEE 802.3af	IEEE 802.3af	IEEE 802.3at (PoE+)	IEEE 802.3at (PoE+)	IEEE 802.3at (PoE+)	IEEE 802.3af	IEEE 802.3af	IEEE 802.3af	IEEE 802.3af	IEEE 802.3af	IEEE 802.3af	
General	0°C~60°C/ 32°F~140°F	-40°C~60°C/ -40°F~140°F	-40°C~60°C/ -40°F~140°F	-40°C~60°C/ -40°F~140°F	-20°C~60°C/ -4°F~140°F	-40°C~60°C/ -40°F~140°F	0°C~60°C/ 32°F~140°F	0°C~60°C/ 32°F~140°F	0°C~60°C/ 32°F~140°F	-20°C~60°C/ -4°F~140°F	-20°C~60°C/ -4°F~140°F	
Operating Temp.	0°C~60°C/ 32°F~140°F	-40°C~60°C/ -40°F~140°F	-40°C~60°C/ -40°F~140°F	-40°C~60°C/ -40°F~140°F	-20°C~60°C/ -4°F~140°F	-40°C~60°C/ -40°F~140°F	0°C~60°C/ 32°F~140°F	0°C~60°C/ 32°F~140°F	0°C~60°C/ 32°F~140°F	-20°C~60°C/ -4°F~140°F	-20°C~60°C/ -4°F~140°F	
Humidity	90% RH (no condensation)	90% RH (no condensation)	90% RH (no condensation)	90% RH (no condensation)	90% RH (no condensation)	90% RH (no condensation)	90% RH (no condensation)	90% RH (no condensation)	90% RH (no condensation)	90% RH (no condensation)	90% RH (no condensation)	
Certification	CE/FCC	CE/FCC	CE/FCC	CE/FCC	CE/FCC	CE/FCC/EN-50155	CE/FCC	CE/FCC	CE/FCC	CE/FCC	CE/FCC	
Vandal Resistant	IK10	IK10	IK08	IK08	N/A	IK10	N/A	N/A	N/A	N/A	N/A	
Weather Proof	N/A	IP66, built-in heater	IP66, built-in heater	IP66, built-in heater	with housing	IP67	N/A	N/A	N/A	with housing	IP67	

Model	
Camera	Nck-251
Image Sensor	1/2.7" Progressive Scan CMOS Sensor
Min. LUX	"B/W 0.05 lux Color 0.5 lux"
Lens	C / CS Mount
Iris Type	Fixed Iris
Day and Night	Yes
IR Distance	N/A
IR Control	N/A
ICR	Yes
WDR	DWDR
Video Compression	H.264/M-JPEG
Video Stream	Dual Stream
Video Quality	VBR/CBR
Frame Rate	1920X1080 @30fps 1280X720 @30fps 720X576 @30fps 720X480 @30fps 640X480 @30fps 320X240 @30fps
Network	10/100/1000 Mbps Ethernet, RJ-45
Interface	10/100/1000 Mbps Ethernet, RJ-45
I/O Connector	3.5mm phone jack x2
Audio in/out Port	3.5mm phone jack x2
DI/DO	Dlx1, DOx1
Others	"RS485X1, RS232X1, USBX2, Flash Strobe Out X1, IR Strobe OutX1"
Storage	mSATAx1, 2.5" SSD/HDD X 1
Power	"DC 12V/AC24V Terminal block"
DC/AC	"DC 12V/AC24V Terminal block"
General	-20°C ~ 60°C/ -4°F ~ 140°F
Operation Temp	-20°C ~ 60°C/ -4°F ~ 140°F
Humidity	90% RH (no Condensation)
Certification	CE/FCC
Power Consumption	up to 22W

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The Intelligent Systems

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