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IP Surveillance

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6-1.17 Nishioi Shinagawaku, Tokyo, Japan

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IP camera 2M

Model	NC-3FFD	NC-85ED
Image Sensor	1/2.7" CMOS Sensor	1/2.7" CMOS Sensor
Lens	2.8mm @ F2.0	2.8mm @ F2.0
Sensitivity	Color : 0.1 Lux (AGC ON) B/W : 0.05 Lux (AGC ON)	Color : 0.1 Lux (AGC ON) B/W : 0.05 Lux (AGC ON)
View Angle	101.99° (H), 64.37° (V)	101.99° (H), 64.37° (V)
IR Distance	7 LEDs, 5 Meters	4 LEDs, 8 Meters
Video Compression	H.264 / M-JPEG	H.264 / M-JPEG
Max. Resolution	1920 x 1080	1920x1080
Resolution	1920x1080@30fps, 1280x720@30fps 640x480@30fps, 320x240@30fps 176x144@30fps"	1920x1080@30fps, 1280x720@30fps 640x480@30fps, 320x240@30fps 176x144@30fps
Audio Compression	G.711(64K) / G.726(32K, 24K)	G.711(64K) / G.726(32K,24K)
Audio	Input : Mic built-in Output : 3.5mm phone jack Support 2-way	Input : Mic built-in Output : 3.5mm phone jack, or Speaker Support 2-way
I/O	DI x 1 / DO x 1	DI x 1 / DO x 1
Security	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection
Network Protocol	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA
Power Consumption	PoE : 3.67W (IR ON) 2.99W (IR OFF)	DC 12V : 3.6W (IR ON) 2.76W (IR OFF) PoE : 4.3W (IR ON) 3.3W (IR OFF)
Others	Motion Detection, Privacy Mask, Support Micro SD Card(Optional), Anti Fog, Lens Distortion Correction, Corridor Mode, Tampering Detection , P2P (Optional)	PIR, Motion Detection, Privacy Mask, Support Micro SD Card(Optional), Anti Fog, Lens Distortion Correction, Corridor Mode,Wireless(Optional), WPS, Tampering Detection, P2P (Optional)
Dimensions	Ø44 x H95 (mm)	W62 x H100 x D44 (mm)
Operating Temp	-0°C ~ 45°C / 32°F ~ 113°F	-0°C ~ 45°C / 32°F ~ 113°F

Mode	NC-1WZED (4.2X Optical Zoom)
Image Sensor	1/2.7" CMOS Sensor
Lens	2.8 - 12mm 4.2X @ F1.4
Sensitivity	Color : 0.05 Lux (AGC ON) B/W : 0.01 Lux (AGC ON)
View Angle	38.34° ~ 100.29° (H), 20.98° ~ 52.13° (V)
IR Distance	12 Units High Power, 15 Meters
Video Compression	H.264 / M-JPEG
Max. Resolution	1920 x 1080
Resolution	1920x1080 @30fps, 1280x720 @30fps 640x480 @30fps, 320x240 @30fps 176x144 @30fps
Audio Compression	G.711(64K) / G.726(32K, 24K)
Audio	Input : External Audio input Output : External Line output Support 2-way
I/O	DI x 1 / DO x 1
Security	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection
Network Protocol	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA
Power Consumption	DC 12V : 4.20W (IR ON) 2.76W (IR OFF) PoE : 5.28W (IR ON) 3.84W (IR OFF)
Others	Motion Detection, Privacy Mask, Support Micro SD Card (Optional), Anti Fog, Lens Distortion Correction, BNC, Corridor Mode, Tampering Detection, IP66, IK10, 3-Axis Bracket, P2P (Optional)
Dimensions	Ø137 x H102 (mm)
Operating Temp	-10°C ~ 50°C / 14°F ~ 122°F

◆ SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE PLEASE CONTACT US FOR ANY FURTHER INQUIRY OF CUSTOMIZATION DEMANDS

IP camera 2M

Model	NC-1NED	NC-1MED	NC-1JED	NC-1WED
Image Sensor	1/2.7" CMOS Sensor	1/2.7" CMOS Sensor	1/2.7" CMOS Sensor	1/2.7" CMOS Sensor
Lens	3 ~9mm @ F1.8	2.8mm @ F2.0	2.8mm @ F2.0	3 ~9mm @ F1.8
Sensitivity	Color : 0.05 Lux (AGC ON) B/W : 0.01 Lux (AGC ON)	Color : 0.1 Lux (AGC ON) B/W : 0.05 Lux (AGC ON)	Color : 0.1 Lux (AGC ON) B/W : 0.05 Lux (AGC ON)	Color : 0.05 Lux (AGC ON) B/W : 0.01 Lux (AGC ON)
View Angle	33.04° ~91.44° (H), 19.38° ~49.32° (V)	101.99° (H), 64.37° (V)	101.99° (H), 64.37° (V)	33.03° ~ 91.43° (H), 18.61° ~ 49.32° (V)
IR Distance	18 LEDs, 15 Meters	14 LEDs, 15 Meters	6 LEDs, 5 Meters	18 LEDs, 15 Meters
Video Compression	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG
Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920x1080
Resolution	1920x1080 @30fps, 1280x720 @30fps 640x480 @30fps, 320x240 @30fps 176x144 @30fps	1920x1080 @30fps, 1280x720 @30fps 640x480 @30fps, 320x240 @30fps 176x144 @30fps	1920x1080 @30fps, 1280x720 @30fps 640x480 @30fps, 320x240 @30fps 176x144 @30fps	1920x1080 @30fps, 1280x720 @30fps 640x480 @30fps, 320x240 @30fps 176x144 @30fps
Audio Compression	G.711 (64K) / G.726 (32K, 24K)	N/A	G.711(64K) / G.726(32K, 24K)	G.711(64K) / G.726(32K, 24K)
Audio	Input : External Audio input Output : External Line output Support 2-way	N/A	Input : Mic built-in Output : External Line output Support 2-way	Input : External Audio input Output : External Line output Support 2-way
I/O	DI x 1 / DO x 1	N/A	DI x 1 / DO x 1	DI x 1 / DO x 1
Security	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network rotection	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection
Network Protocol	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA
Power Consumption	DC 12V : 3.96W (IR ON) 2.52W (IR OFF) PoE : 5.28W(IR ON) 3.36W(IR OFF)	DC 12V : 3.24W (IR ON) 2.28W (IR OFF) PoE : 3.84W (IR ON) 3.36(IR OFF)	DC 12V : 3W (IR ON) 2.4W (IR OFF) PoE : 4.32W (IR ON) 3.36W (IR OFF)	DC 12V : 3.84W (IR ON) 2.52W (IR OFF) PoE : 4.8W(IR ON) 3.36W(IR OFF)
Others	Motion Detection, Privacy Mask, Support SD Card (Optional), Anti Fog, Lens Distortion Correction, BNC, Corridor Mode, Tampering Detection, 3-Axis Bracket , P2P (Optional)	Motion Detection, Privacy Mask, Support Micro SD Card (Optional), Anti Fog, Lens Distortion Correction, Corridor Mode, Tampering Detection, IP66, IK10 , P2P (Optional)	Motion Detection, Privacy Mask, Support Micro SD Card (Optional), Anti Fog, Lens Distortion Correction, Corridor Mode, Tampering Detection, Wireless (Optional), WPS, P2P (Optional)	Motion Detection, Privacy Mask, Support Micro SD Card (Optional), Anti Fog, Lens Distortion Correction, BNC, Corridor Mode, Tampering Detection, IP66, I K10, 3-Axis Bracket, P2P (Optional)
Dimensions	Ø132 x H108 (mm)	Ø142.7 x H82.3 (mm)	Ø100 x H49 (mm)	Ø137 x H102 (mm)
Operating Temp	-0°C ~ 45°C / 32°F ~ 113°F	-10°C ~ 50°C / 14°F ~ 122°F	-0°C ~ 45°C / 32°F ~ 113°F	-10°C ~ 50°C / 14°F~122°F

♦ SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE PLEASE CONTACT US FOR ANY FURTHER INQUIRY OF CUSTOMIZATION DEMANDS

Model	NC-7AZED (4.2X Optical Zoom)	NC-7AED	NC-74ED	NC-81ED
Image Sensor	1/2.7" CMOS sensor	1/2.7" CMOS Sensor	1/2.7" CMOS Sensor	1/2.7" CMOS Sensor
Lens	2.8 - 12mm 4.2X @ F1.4	3 ~ 10.5mm @ F1.4	2.8mm @ F2.0	CS mount
Sensitivity	Color : 0.05 Lux (AGC ON) B/W : 0.01 Lux (AGC ON)	Color : 0.05 Lux (AGC ON) B/W : 0.01 Lux (AGC ON)	Color : 0.1 Lux (AGC ON) B/W : 0.05 Lux (AGC ON)	Color : 0.05 Lux (AGC ON) B/W : 0.01 Lux (AGC ON)
View Angle	38.34° ~ 100.29° (H), 20.98° ~ 52.13° (V)	34.89° ~ 96.49° (H), 19.38° ~ 49.32° (V)	101.99°(H), 64.37°(V)	N/A
IR Distance	28 Units 5φ + 2 Units High Power, 25 Meters	35 LEDs, 25 Meters	28 LEDs, 20 Meters	N/A
Video Compression	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG
Max. Resolution	1920 x 1080	1920x1080	1920x1080	1920 x 1080
Resolution	1920x1080 @30fps, 1280x720 @30fps 640x480 @30fps, 320x240 @30fps, 176x144 @30fps	1920x1080 @30fps, 1280x720 @30fps 640x480 @30fps, 320x240 @30fps 176x144 @30fps	1920x1080@30fps, 1280x720@30fps 640x480@30fps, 320x240@30fps 176x144@30fps	1920x1080@30fps, 1280x720@30fps 640x480@30fps, 320x240@30fps 176x144@30fps
Audio Compression	G.711(64K) / G.726(32K, 24K)	G.711(64K) / G.726(32K, 24K)	N/A	G.711(64K) / G.726(32K,24K)
Audio	Input : 3.5mm phone jack Output : 3.5mm phone jack Support 2-way	Input : 3.5mm phone jack Output : 3.5mm phone jack Support 2-way	N/A	Input : 3.5mm phone jack or Mic built-in (auto switch) Output : 3.5mm phone jack Support 2-way
I/O	DI x 1 / DO x 1	DI x 1 / DO x 1	N/A	DI x 1 / DO x 1
Security	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection	Password protection, Paddress filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection
Network Protocol	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA
Power Consumption	DC 12V : 5.76W (IR ON) 2.88W (IR OFF) PoE : 7.20W (IR ON) 3.84W (IR OFF)	DC 12V : 4.80W (IR ON) 2.76W (IR OFF) PoE : 6.72W (IR ON) 3.84W(IR OFF)	DC 12V : 4.21 (IR ON) 2.4W (IR OFF) PoE : 5.04W (IR ON) 2.88W (IR OFF)	DC 12V : 2.88W AC 24V : 3.6W PoE : 3.84W
Others	Motion Detection, Privacy Mask, Support Micro SD Card (Optional), Anti Fog, Lens Distortion Correction, Wireless (Optional), BNC, Corridor Mode, Tampering Detection, 3-Axis Cable Management, IP66, P2P (Optional)	Motion Detection, Privacy Mask, Support Micro SD Card (Optional), Anti Fog, Lens Distortion Correction, Wireless (Optional), BNC, Corridor Mode, Tampering Detection, 3-Axis Cable Management, IP66 , P2P (Optional)	Motion Detection, Privacy Mask, Anti Fog, Lens Distortion Correction, Tampering Detection, Corridor Mode, IP66, 3-Axis Cable Management, P2P (Optional)	Motion Detection, Privacy Mask, Support SD Card (Optional), Wireless (Optional), Anti Fog, Lens Distortion Correction, Tampering Detection, Corridor Mode, RS485, BNC, P2P (Optional)
Dimensions	Ø83 x H180 (mm)	Ø83 x H180 (mm)	Ø68.4 x H101.5 (mm)	W65 x H58 x L132 (mm)
Operating Temp	-10°C ~ 50°C / 14°F ~ 122°F	-10°C ~ 50°C / 14°F ~ 122°F	-10°C ~ 50°C / 14°F ~ 122°F	-0°C ~ 45°C / 32°F ~ 113°F

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STARVIS 60fps T-WDR IP66 wireless Android/iOS

STARVIS 60fps T-WDR wireless Android/iOS

STARVIS 60fps T-WDR IP66 IK10 Android/iOS

STARVIS 60fps T-WDR Android/iOS

Model	NC-79GDS	NC-81GDS	NC-1WGDS	NC-1NGDS
Image Sensor	1/2.8" Sony Exmor CMOS Sensor	1/2.8" Sony Exmor CMOS Sensor	1/2.8" Sony Exmor CMOS Sensor	1/2.8" Sony Exmor CMOS Sensor
Lens	2.8 ~ 12 mm @ F1.4	CS Mount	2.8 ~ 12 mm @ F1.4	2.8 ~ 12 mm @ F1.4
Sensitivity	Color : 0.001 Lux (AGC ON) B/W : 0.0005 Lux (AGC ON)	Color : 0.001 Lux (AGC ON) B/W : 0.0005 Lux (AGC ON)	Color : 0.001 Lux (AGC ON) B/W : 0.0005 Lux (AGC ON)	Color : 0.001 Lux (AGC ON) B/W : 0.0005 Lux (AGC ON)
View Angle	35.25° ~ 101.52° (H), 20.37° ~ 53.13° (V)	N/A	35.25° ~ 101.52° (H), 20.37° ~ 53.13° (V)	35.25° ~ 101.52° (H), 20.37° ~ 53.13° (V)
IR Distance	28 Units 5 φ + 2 Units High Power, 35 Meters	N/A	18 LEDs, 20 Meters	18 LEDs, 20 Meters
Video Compression	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG
Max. Resolution	1920x1080	1920 x 1080	1920 x 1080	1920 x 1080
Resolution	1920x1080@60fps, 1280x720@60fps 640x480@60fps, 320x240@60fps, 176x144@60fps	1920x1080@60fps, 1280x720@60fps 640x480@60fps, 320x240@60fps, 176x144@60fps	1920x1080@60fps, 1280x720@60fps, 640x480@60fps 320x240@60fps, 176x144@60fps	1920x1080@60fps, 1280x720@60fps, 640x480@60fps 320x240@60fps, 176x144@60fps
Audio Compression	G.711(64K) / G.726(32K, 24K)	G.711(64Kbps) / G.726(32K, 24Kbps)	G.711(64K) / G.726(32K, 24K)	G.711(64K) / G.726(32K,24K)
Audio	Input : 3.5mm phone jack Output : 3.5mm phone jack Support 2-way	Input : 3.5mm phone jack or Mic built-in (auto switch) Output : 3.5mm phone jack Support 2-way	Input : External Audio input Output : External Line output Support 2-way	Input : External Audio input Output : External Line output Support 2-way
I/O	DI x 1 / DO x 1	DI x 1 / DO x 1	DI x 1 / DO x 1	DI x 1 / DO x 1
Security	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection
Network Protocol	IPv6, IPv4 HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA, Bonjour	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA
Power Consumption	DC 12V : 8.28W (IR ON) 5.52W (IR OFF) PoE : 11.52W (IR ON) 7.2W (IR OFF)	DC 12V : 3.96W AC 24V : 4.8W PoE : 4.75W	DC 12V : 5.28W (IR ON) 3.84W (IR OFF) PoE : 6.72W (IR ON) 5.28W (IR OFF)	DC 12V : 5.16W (IR ON) 3.84W (IR OFF) PoE : 6.72W (IR ON) 5.28W (IR OFF)
Others	Motion Detection, Privacy Mask, Support Micro SD Card (Optional), Wireless (Optional), Tampering Detection, Face Detection, Digital Image Stabilizer, True WDR, 3-Axis Cable Management, BNC, P2P (Optional)	Motion Detection, Privacy Mask, Support SD Card (Optional), Wireless (Optional), Tampering Detection, Face Detection, Digital Image Stabilizer, True WDR, RS485, BNC, P2P (Optional)	Motion Detection, Privacy Mask, Support Micro SD Card (Optional), Tampering Detection, Face Detection, Digital Image Stabilizer, True WDR, IP66, IK10, 3-Axis Bracket, BNC P2P (Optional)	Motion Detection, Privacy Mask, Support SD Card (Optional), Tampering Detection, Face Detection, Digital Image Stabilizer, True WDR, 3-Axis Bracket, BNC, P2P (Optional)
Dimensions	83 mm (Ø) x 180 mm (H)	W65x H58 x L132 (mm)	Ø137 x H102 (mm)	Ø132 x H108 (mm)
Operating Temp	-20°C ~ 60°C / -4°F ~ 140°F	-20°C ~ 50°C / -4°F ~ 122°F	-20°C ~ 60°C / -4°F ~ 140°F	-20°C ~ 50°C / -4°F ~ 122°F

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IP camera H.265 4M

Model	NC-7ZBK45 (10X Optical Zoom)	NC-7BK45	NC-81K45	NC-1WK45	NC-1NK45
Image Sensor	1/3" CMOS Sensor	1/3" CMOS Sensor	1/3" CMOS Sensor	1/3" CMOS Sensor	1/3" CMOS Sensor
Lens	5.1-51mm 10X @ F1.6	2.8-12mm @ F1.4	CS mount	2.8 - 12mm @ F1.4	2.8 - 12mm @ F1.4
Sensitivity	Color : 0.08 Lux (AGC ON) B/W : 0.03 Lux (AGC ON)	Color : 0.08 Lux (AGC ON) B/W : 0.03 Lux (AGC ON)	Color : 0.08 Lux (AGC ON) B/W : 0.03 Lux (AGC ON)	Color : 0.08 Lux (AGC ON) B/W : 0.03 Lux (AGC ON)	Color : 0.08 Lux (AGC ON) B/W : 0.03 Lux (AGC ON)
View Angle	6.99° ~ 51.04°(H), 4.17° ~ 30.63° (V)	34.47° ~ 92.42°(H), 19.42° ~ 48.24°(V)	N / A	34.47° ~ 92.42°(H), 19.42° ~ 48.24°(V)	34.47° ~ 92.42°(H), 19.42° ~ 48.24°(V)
IR Distance	8 Units High Power, 850nM, 70 Meters	28 Units 5φ + 2 Units High Power, 30 Meters	N / A	12 Units 5φ + 2 Units High Power, 20 Meters	10 Units 5φ + 2 Units High Power, 20 Meters
Video Compression	H.265 / H.264 / M-JPEG	H.265 / H.264 / M-JPEG	H.265 / H.264 / M-JPEG	H.265 / H.264 / M-JPEG	H.265 / H.264 / M-JPEG
Max. Resolution	2592x1520	2592x1520	2592 x1520	2592 x 1520	2592 x1520
Resolution	2592x1520@25fps, 1920x1080@30fps 1280x720@30fps , 640x360@30fps	2592x1520@25fps, 1920x1080@30fps 1280x720@30fps, 640x360@30fps	2592x1520@25fps, 1920x1080@30fps 1280x720@30fps, 640x360@30fps	2592x1520@25fps, 1920x1080@30fps 1280x720@30fps, 640x360@30fps	2592x1520@25fps, 1920x1080@30fps 1280x720@30fps, 640x360@30fps
Audio Compression	G.711(64K) / G.726(32K, 24K)	G.711(64K) / G.726(32K ,24K)	G.711(64K) / G.726(32K, 24K)	G.711(64K) / G.726(32K, 24K)	G.711(64K) / G.726(32K, 24K)
Audio	Input : 3.5mm phone jack Output : 3.5mm phone jack Support 2 - way	Input : 3.5mm phone jack Output : 3.5mm phone jack Support 2 - way	Input : 3.5mm phone jack or Mic built-in (auto switch) Output : 3.5mm phone jack Support 2-way	Input : External Audio input Output : External Line output Support 2-way	Input : External Audio input Output : External Line output Support 2-way
I/O	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
Security	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection
Network Protocol	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/ DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/ DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/ DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/ DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/ DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA
Power Consumption	DC 12V : 7.92W (IR ON) 3.00W (IR OFF) PoE : 9.60W (IR ON) 3.84W (IR OFF)	DC 12V : 6W (IR ON) 3.12W (IR OFF) PoE : 7.68W (IR ON) 3.84W (IR OFF)	DC 12V : 2.64W AC 24V Max : 5.3W PoE : 3.6W	DC 12V : 4.92W (IR ON) 2.52W (IR OFF) PoE : 6.24W (IR ON) 3.36W (IR OFF)	DC 12V : 5.64W(IR ON) 3.24W (IR OFF) PoE : 7.2W(IR ON) 4.32W(IR OFF)
Others	ROI, Motion Detection, Privacy Mask, Support Micro SD Card (Optional), Wireless (Optional), BNC, Tampering Detection, 3-Axis Cable Management, IP66, P2P (Optional)	ROI, Motion Detection, Privacy Mask, Support Micro SD Card (Optional), Wireless (Optional), BNC, Tampering Detection, 3-Axis Cable Management, IP66, P2P (Optional)	Motion Detection, Privacy Mask, Support SD Card (Optional), Wireless (Optional), Anti Fog, Lens Distortion Correction, Tampering Detection, Corridor Mode, RS485, BNC, P2P (Optional)	ROI, Motion Detection, Privacy Mask, Support Micro SD Card (Optional), Tampering Detection, IP66, IK10, 3-Axis Bracket, BNC, P2P (Optional)	ROI, Motion Detection, Privacy Mask, Support SD Card (Optional), Tampering Detection, 3-Axis Bracket, BNC, P2P (Optional)
Dimensions	Ø77.4 x H172 (mm)	Ø77.4 x H125.5 (mm)	W65 x H58 x L132 (mm)	Ø137 x H102 (mm)	Ø132mm x H108 (mm)
Operating Temp	-20°C ~ 60°C / -4°F ~ 140°F	-20°C ~ 60°C / -4°F ~ 140°F	-20°C ~ 50°C / -4°F ~ 122°F	-20°C ~ 60°C / -4°F ~ 140°F	-20°C ~ 50°C / -4°F ~ 122°F

♦ SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE PLEASE CONTACT US FOR ANY FURTHER INQUIRY OF CUSTOMIZATION DEMANDS

IP camera H.265 | 5M

Model	NC-7BK55	NC-1WK55	NC-1NK55
Image Sensor	1/3.2" CMOS Sensor	1/3.2" CMOS Sensor	1/3.2" CMOS Sensor
Lens	3 - 10.5mm @ F1.4	3 - 10.5mm @ F1.4	3 - 10.5mm @ F1.4
Sensitivity	Color : 0.5 Lux (AGC ON) B/W : 0.1 Lux (AGC ON)	Color : 0.5 Lux (AGC ON) B/W : 0.1 Lux (AGC ON)	Color : 0.5 Lux (AGC ON) B/W : 0.1 Lux (AGC ON)
View Angle	26.94° ~ 70.25°(H) , 20.14° ~ 51.16°(V)	26.94° ~ 70.25° (H), 20.14° ~ 51.16° (V)	26.94° ~ 70.25° (H), 20.14° ~ 51.16° (V)
IR Distance	28 Units 5φ + 2 Units High Power, 30 Meters	2 Units 5φ + 2 Units High Power, 20 Meters	10 Units 5φ + 2 Units High Power, 20 Meters
Video Compression	H.265 / H.264 / M-JPEG	H.265 / H.264 / M-JPEG	H.265 / H.264 / M-JPEG
Max. Resolution	2592 x 1944	2592 x 1944	2592 x 1944
Resolution	2592 x 1944 @ 30fps, 2048 x 1536 @ 30fps, 1920 x 1080 @ 30fps, 1280 x 960 @ 30fps, 1280 x 720 @ 30fps, 640 x 480 @ 30fps	2592 x 1944 @ 30fps, 2048x1536 @ 30fps, 1920 x 1080 @ 30fps, 1280x960 @ 30fps , 1280 x 720 @ 30fps, 640x480 @ 30fps	2592 x 1944 @ 30fps, 2048 x 1536 @ 30fps, 1920 x 1080 @ 30fps, 1280 x 960 @ 30fps, 1280 x 720 @ 30fps, 640 x 480 @ 30fps
Audio Compression	G.711 (64K) / G.726 (32K, 24K)	G.711 (64K) / G.726 (32K, 24K)	G.711 (64K) / G.726 (32K, 24K)
Audio	Input : 3.5mm phone jack Output : 3.5mm phone jack Support 2 - way	Input : External Audio input Output: External Line output Support 2-way	Input : External Audio input Output : External Line output Support 2-way
I/O	DI x 1 / DO x 1	DI x 1 / DO x 1	DI x 1 / DO x 1
Security	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection
Network Protocol	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA
Power Consumption	DC 12V : 5.88W (IR ON) 3.12W (IR OFF) PoE : 7.41W (IR ON) 3.99W (IR OFF)	DC 12V : 5.52W (IR ON) 3.24W (IR OFF) PoE : 7.20W (IR ON) 4.32W (IR OFF)	DC 12V : 5.76W (IR ON), 3.00W (IR OFF) PoE : 6.84W (IR ON), 3.99W (IR OFF)
Others	ROI, Motion Detection, Privacy Mask, Support Micro SD Card (Optional), Wireless (Optional), Tampering Detection, 3-Axis Cable Management, IP66, BNC, P2P (Optional)	ROI, Motion Detection, Privacy Mask, Support Micro SD Card (Optional), Tampering Detection, IP66, IK10, 3-Axis Bracket, BNC, P2P (Optional)	ROI, Motion Detection, Privacy Mask, Support SD Card (Optional), Tampering Detection, 3-Axis Bracket, BNC P2P (Optional)
Dimensions	Ø77.4 x H125.5 (mm)	Ø137 x H102 (mm)	Ø132 x H108 (mm)
Operating Temp	-20°C ~ 60°C / -4°F ~ 140°F	-20°C ~ 60°C / -4°F ~ 140°F	-20°C ~ 50°C / -4°F ~ 122°F

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Speed Dome H.264 | 2M

Model	NC-S7S24	NC-S7H24	NC-S3K24
Image Sensor	1/2.8" 2M Type Exmor CMOS Sensor	1/2.8" CMOS Sensor	1/2.8" CMOS Sensor
Lens	30x optical zoom lens	18x optical zoom lens	18x optical zoom lens
Sensitivity	Color : 0.05 lux B/W : 0.002 lux	Color : 0.05 Lux B/W : 0.005 Lux	Color : 0.05 Lux B/W : 0.005 Lux
View Angle	2.3° ~ 63.7° (H), 1.3° ~ 35.8° (V)	3.48°~ 62.6°(H), 2°~ 39.16°(V)	3.48° ~ 62.6° (H), 2° ~ 39.16° (V)
IR Distance	N/A	N/A	N/A
Video Compression	H.264 / M-JPEG / MPEG4	H.264 / M-JPEG / MPEG4	H.264 / M-JPEG / MPEG4
Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080
Resolution	1920x1080 @30fps, 1280x720 @30fps, 640x480 @30fps	1920x1080 @30fps, 1280x720 @30fps, 640x480 @30fps	1920x1080 @30fps, 1280x720 @30fps, 640x480 @30fps
Audio Compression	G.711(64K) / G.726(32K, 24K)	G.711(64K) / G.726(32K, 24K)	G.711(64K) / G.726(32K, 24K)
Audio	Input : External Audio input Output : External Line output Support 2-way	Input : External Audio input Output : External Line output Support 2-way	Input : 3.5mm phone jack Output : 3.5mm phone jack Support 2-way
I/O	DI x 4 / DO x 1	DI x 4 / DO x 1	DI x 2 / DO x 1
Security	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection
Network Protocol	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA
Power Consumption	AC 24V : 15.64 W PoE : 15.84W	AC 24V : 15.8W PoE : 16.09W	DC 12V : 9.96W PoE : 15.74W
Others	Motion Detection, Privacy Mask, Support Micro SD Card (Optional), Tampering Detection, Bracket (Optional), IP66 , True WDR, P2P (Optional)	Motion Detection, Privacy Mask, Support Micro SD Card (Optional), Tampering Detection, Bracket (Optional), IP66, P2P (Optional)	Motion Detection, Privacy Mask, Support Micro SD Card (Optional), Tampering Detection, Wireless (Optional), P2P (Optional)
Dimensions	Ø219 x H311.7 (mm)	Ø219 x H311.7 (mm)	Ø150 x H161.3 x W149 (mm)
Operating Temp	-20℃ ~ 55℃ / -4°F ~ 131°F	-20°C ~ 60°C / -4°F ~ 140°F	-10°C ~ 50℃ / 14℉ ~ 122℉

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Speed Dome H.265 | 2M

Model	NC-S8k25/IR	NC-S7K25	NC-S3K25
Image Sensor	1/2.9" CMOS Sensor	1/2.9" CMOS Sensor	1/2.9" CMOS Sensor
Lens	20x optical zoom lens	20x optical zoom lens	20x optical zoom lens
Sensitivity	Color : 0.05 Lux B/W : 0.005 Lux	Color : 0.05 Lux B/W : 0.005 Lux	Color : 0.05 Lux B/W : 0.005 Lux
View Angle	3.48° ~ 62.6° (H), 2° ~ 39.16° (V)	3.48° ~ 62.6° (H), 2° ~ 39.16° (V)	3.48° ~ 62.6° (H), 2° ~ 39.16° (V)
IR Distance	9 Units High Power, 850nM , 150 Meters	N/A	N/A
Video Compression	H.265 / H.264 / M-JPEG	H.265 / H.264 / M-JPEG	H.265 / H.264 / M-JPEG
Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080
Resolution	1920x1080@30fps, 1280x720@30fps, 640x480@30ps	1920x1080@30fps, 1280x720@30fps, 640x480@30fps	1920x1080@30fps, 1280x720@30fps, 640x480@30fps
Audio Compression	G.711 (64K) / G.726 (32K, 24K)	G.711 (64K) / G.726 (32K, 24K)	G.711 (64K) / G.726 (32K, 24K)
Audio	Input : External Audio input Output : External Line output Support 2-way	Input : External Audio input Output : External Line output Support 2-way	Input : 3.5mm phone jack Output : 3.5mm phone jack Support 2-way
I/O	DI x 4 / DO x 1	DI x 4 / DO x 1	DI x 2 / DO x 1
Security	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based aut hentication for network protection	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection
Network Protocol	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA
Power Consumption	DC 36V : 49.13W PoE : 50.66 W	DC 36V : 15.8W PoE : 16.09W	DC 12V : 9.96W PoE : 15.74W
Others	Motion Detection, Privacy Mask, Support Micro SD Card (Optional), Tampering Detection, Bracket (Optional), Heater (Optional), IP66, P2P (Optional)	Motion Detection, Privacy Mask, Support Micro SD Card (Optional), Tampering Detection, Bracket (Optional), Heater (Optional), IP66, P2P (Optional)	Motion Detection, Privacy Mask, Support Micro SD Card(Optional), Tampering Detection, Wireless(Optional), P2P (Optional)
Dimensions	Ø227.1 x H346.2 (mm)	Ø219 x H311.7 (mm)	Ø150 x H161.3 x W149 (mm)
Operating Temp	-20°C ~ 60°C / -4°F ~ 140°F	-20°C ~ 60°C / -4°F ~ 140°F	-10°C ~ 50°C / 14°F ~ 122°F

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NVR PoE Switch Joystick

		MODEL	NNR-16EC	NNR-09EC	NNR-04EC
System		OS	Embedded Linux	Embedded Linux	Embedded Linux
	Connectors	Ethernet	RJ-45, 10 / 100 / 1000 Mbps x1		
		Video Output	HDMI x1 VGA x1	HDMI x1 VGAx1	HDMI x1 VGA x1
		USB	USB2.0 x2	USB2.0 x2	USB2.0 x2
		2-Way Audio	3.5Ø Earphone stereo jack, audio in x1, audio out x1		
		Alarm	N / A	N / A	N / A
		RS485	N / A	N / A	N / A
		Power Input	DC 12V	DC 12V	DC 12V
Video and Audio		IP Cam Input	16 channels	9 channels	4 channels
		Decompression	H.264	H.264	H.264
		IP Cam Resolution support	Up to 5 Megapixel	Up to 5 Megapixel	Up to 5 Megapixel
		Throughput	64 M bps	45 Mbps	24 Mbps
Recording and Playback		Recording mode	Manual / Schedule / Alarm trigger		
		Pre-alarm Recording	5-30 sec.	5-30 sec.	5-30 sec.
		Time Search Playback	Selectable on the calendar		
		Event Log Search Playback	Search for recording video by event log		
Storage & Backup		Internal HDD Support	SATA HDD x2	SATA HDD x2	SATA HDD x2
		E-SATA	N / A	N / A	N / A
		RAID	N / A	N / A	N / A
		External Backup Device	Locol USB backup, Remote backup via web browser		
Remote Browse		Client Reqirement	Windows IE / Chrome / Firefox		
		Max. online user	8	8	8
		Remote APP	Support iPhone / iPad / Android phone		
Physical		Dimensions (W x H x D)	115x175x144.5(mm)	115x175x144.5(mm)	15x175x144.5(mm)
		Operating Temp	0°~45°C / 32°~113°F	0° ~ 45°C / 32°~113°F	0°~45°C / 32°~113°F

MODEL	NPS-08TQ	NPS-04TQ
RJ45 Port	8 port 10/100BaseT with PSE 2 port 10/100/1000BaseT(X)	4 port 10/100BaseT with PSE 1 port 10/100/1000BaseT(X)
Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.ab 1000BaseT IEEE 802.3x Flow Control IEEE 802.3at Power Over Ethernet (PoE+)	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.ab 1000BaseT IEEE 802.3x Flow Control IEEE 802.3at Power Over Ethernet (PoE+)
Transmission Data	10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP 1000BaseT Cat. 5/5E, 6 UTP/ STP	10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP 1000BaseT Cat. 5/5E, 6 UTP/ STP
Power Output	PoE 802.3at compliant 30W Max. per Port Total PoE power output Capacity : 120W	PoE 802.3at compliant 30W Max. per Port Total PoE power output Capacity : 60W
Power Input	100 ~ 240V / AC, 50 ~ 60Hz	100 ~ 240V / AC, 50 ~ 60Hz
Led Indicator	Ethernet Link / Act PoE Status	Ethernet Link / Act PoE Status
Operating Temperature	-20°C ~ 55°C	-20°C ~ 55°C
Humidity	0~80% RH (Non-condensing)	0~80% RH (Non-condensing)
Dimension (W x H x D)	219 x 44 x 159 (mm)	219 x 44 x 159 (mm)
Weight	1150g	1150g

MODEL	NC-3000
Joystick	USB interface
Joystick Travel	50°
Power Consumption	DC5V, 50mA
Operating Temperature	-10°C ~50°C
Operating Humidity	90%
Dimension	L167xW115xH112 (mm)
Kgs	1012 g
Texture	ABS plastic

Key Features

- USB interface, 10 programmable control button
- Control IP camera PTZ through PC browser
- Control IP camera PTZ through NVR
- Easy operation and accurate rotation through 3D Joystick (Metal joystick)

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NVR

		MODEL	NNR-16KQ	NNR-09KQ	NNR-04KQ	NNR-16SQ	NNR-09SQ	NNR-04SQ
System		OS	Embedded Linux	Embedded Linux	Embedded Linux	Embedded Linux	Embedded Linux	Embedded Linux
	Connectors	Ethernet	RJ-45, 10 / 100 / 1000 Mbps x1		RJ-45, 10 / 100 Mbps x1	RJ-45, 10 / 100 / 1000 Mbps x1		
		Video Output	HDMI x1 VGA x1	HDMI x1 VGA x1	HDMI x1 VGAx1	HDMI x1 VGAx1	HDMI x1 VGA x1	HDMI x1 VGA x1
		USB	USB2.0 x3	USB2.0 x3	USB2.0 x3	USB2.0 x1 USB3.0 x1	USB2.0 x1 USB3.0 x1	USB2.0 x1 USB3.0 x1
		2-Way Audio	3.5 Ø stereo jack, audio in x1, audio out x1			3.5 Ø stereo jack, audio in x1, audio out x1		
		Alarm	4 Alarm in / 1 Relay out	4 Alarm in / 1 Relay out	4 Alarm in / 1 Relay out	N/A	N/A	N/A
		RS485	D+, D-	D+, D-	D+, D-	N/A	N/A	N/A
		Power Input	AC100 ~ 240V	AC100~240V	AC100~240V	DC12V	DC12V	DC12V
Video and Audio		IP Cam Input	16 channels	9 channels	4 channels	16 channels	9 channels	4 channels
		Decompression	H.264	H.264	H.264	H.264	H.264	H.264
		IP Cam Resolution support	Up to 8 Megapixel	Up to 8 Megapixel	Up to 8 Megapixel	Up to 8 Megapixel	Up to 8 Megapixel	Up to 8 Megapixel
		Throughput	76Mbps	76Mbps	76Mbps	76Mbps	76Mbps	76Mbps
Recording and Playback		Recording mode	Manual / Schedule / Alarm trigger			Manual / Schedule / Alarm trigger		
		Pre-alarm Recording	5-60 sec.	5-60 sec.	5-60 sec.	5-60 sec.	5-60 sec.	5-60 sec.
		Playback Search	Smart search / Time search / Event search			Smart search / Time search / Event search		
Storage & Backup		Internal HDD Support	SATA HDD x3 | SATA HDD x2	SATA HDD x3 | SATA HDD x2	SATA HDD x3 | SATA HDD x2	SATA HDD x1	SATA HDD x1	SATA HDD x1
		E-SATA	N/A | x1	N/A | x1	N/A | x1	N/A	N/A	N/A
		RAID	RAID1/ RAID5 (Optional)	RAID1/ RAID5 (Optional)	RAID1/ RAID5 (Optional)	N/A	N/A	N/A
		External Backup Device	Locol USB, Remote browser, FTP, Samba, Google drive, Dropbox			Locol USB, Remote browser, FTP, Samba, Google drive, Dropbox		
Remote Browse		Client Reqirement	Windows IE / Chrome / Firefox, Mac Safari			Windows IE / Chrome / Firefox, Mac Safari		
		Max. online user	10	10	10	10	10	10
		Remote APP	Support iPhone / iPad / Android phone			Support iPhone / iPad / Android phone		
Physical		Dimensions (W x H x D)	360 x 44 x 301 mm	360 x 44 x 301 mm	360 x 44 x 301 mm	360 x 44 x 301 mm	360 x 44 x 301 mm	360 x 44 x 301 mm
		Operating Temp	0° ~ 45°C / 32° ~ 113°F	0° ~ 45°C / 32° ~ 113°F	0° ~ 45°C / 32° ~ 113°F	0° ~ 45°C / 32° ~ 113°F	0° ~ 45°C / 32° ~ 113°F	0° ~ 45°C / 32° ~ 113°F

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		MODEL	NNR-36DF	NNR-25DF	NNR-16DF	NNR-16EE	NNR-09EE	NNR-04EE
System		OS	Embedded Linux	Embedded Linux	Embedded Linux	Embedded Linux	Embedded Linux	Embedded Linux
	Connectors	Ethernet	RJ- 45 x2, 10 / 100 / 1000 Mbps			RJ- 45 x1, 10/100/1000 Mbps		
		Video Output	HDMI x1 VGAx1	HDMI x1 VGA x1	HDMI x1 VGAx1	HDMI x1 VGA x1	HDMI x1 VGA x1	HDMI x1 VGA x1
		USB	USB2.0 x2	USB2.0 x2	USB2.0 x2	USB2.0 x2	USB2.0 x2	USB2.0 x2
		2-Way Audio	3.5 Ø stereo jack, audio in x1, audio out x1			3.5 Ø stereo jack, audio in x1, audio out x1		
		Alarm	8 Alarm in / 1 Relay out	8 Alarm in / 1 Relay out	8 Alarm in / 1 Relay out	8 Alarm in / 1 Relay out	8 Alarm in / 1 Relay out	8 Alarm in / 1 Relay out
		RS485	D+, D-	D+, D-	D+, D-	D+, D-	D+, D-	D+, D-
		Power Input	AC100~240V | DC 12V	AC100~240V | DC 12V	100~240V, 50~60 Hz	100 ~ 240V, 50 ~ 60 Hz	DC 12V	DC 12V
Video and Audio		IP Cam Input	36 channels	25 channels	16 channels	16 channels	9 channels	4 channels
		Decompression	H.264	H.264	H.264	H.264	H.264	H.264
		IP Cam Resolution support	Up to 5 Megapixel	Up to 5 Megapixel	Up to 5 Megapixel	Up to 5 Megapixel	Up to 5 Megapixel	Up to 5 Megapixel
		Throughput	80Mbps	100Mbps	100Mbps	64Mbps	45Mbps	24Mbps
Recording and Playback		Recording mode	Manual / Schedule / Alarm trigger			Manual / Schedule / Alarm trigger		
		Pre-alarm Recording	5-30 sec.	5-30 sec.	5-30 sec.	5-30 sec.	5-30 sec.	5-30 sec.
		Time Search Playback	Selectable on the calendar			Selectable on the calendar		
		Event Log Search Playback	Search for recording video by event log			Search for recording video by event log		
Storage & Backup		Internal HDD Support	SATA HDD x9	SATA HDD x9	SATA HDD x9	SATA HDD x4	SATA HDD x4	SATA HDD x4
		E-SATA	x1	x1	x1	x1	x1	x1
		RAID	N/A | RAID 1/RAID 5	N/A | RAID 1/RAID 5	RAID 1 / RAID 5	N/A	N/A	N/A
		External Backup Device	Locol USB, Remote browser			Locol USB, Remote browser		
Remote Browse		Client Reqirement	Windows IE / Chrome / Firefox			Windows IE / Chrome / Firefox		
		Max. online user	8	8	8	8	8	8
		Remote APP	Support iPhone / iPad / Android phone			Support iPhone / i Pad / Android phone		
Physical		Dimensions (W x H x D)	430 x 88 x 422 mm	430 x 88 x 422 mm	430 x 88 x 422 mm	360 X 60 X 311(mm)	360 X 60 X 311(mm)	360 X 60 X 311(mm)
		Operating Temp	0° ~ 45°C / 32° ~ 113°F	0° ~ 45°C / 32° ~ 113°F	0° ~ 45°C / 32° ~ 113°F	0° ~ 45°C / 32° ~ 113°F	0° ~ 45°C / 32° ~ 113°F	0° ~ 45°C / 32° ~ 113°F

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	Model	NBA-16HD	NBF-09HD	NBF-04HD
System	OS	Embedded Linux	Embedded Linux	Embedded Linux
	Connectors: Ethernet	RJ-45 x1, 10/100/1000 Mbps	RJ-45 x1, 10/100/1000 Mbps	RJ-45 x1, 10/100/1000 Mbps
	Connectors: Video Output	HDMI x1 VGA x1	HDMI x 1 VGA x1	HDMI x 1 VGA x1
	Connectors: USB	USB2.0 x2	USB2.0 x 2	USB2.0 x 2
	Connectors: Video in	BNC x16	BNC x 8	BNC x 4
	Connectors: Audio in	RCA x4	RCA x 4	RCA x 4
	Connectors: Audio out	RCA x1	RCA x 1	RCA x 1
	Connectors: Alarm	8 Alarm in / 1 Relay out	2 Alarm in / 1 Relay out	2 Alarm in / 1 Relay out
	Connectors: RS485	D+, D-	D+, D-	D+, D-
	Power	DC 12V	DC 12V	DC 12V
Video and Audio	aHD Camera Input	up to 16 channels	up to 8 channels	up to 4 channels
	Analog video Input	up to 16 channels	up to 8 channels	up to 4 channels
	IPCam Input	up to 4 channels	up to 3 channels	up to 2 channels
	Analog audio Input	4 channels	4 channels	4 channels
	aHD Camera OSD control	N/A	Support	Support
Recording and Playback	Recording mode	Manual / Schedule / Alarm trigger	Manual / Schedule / Alarm trigger	Manual / Schedule / Alarm trigger
	Analog Recording Resolution: 1080P	N/A	1920 x 1080 @ 120fps	1920 x 1080 @ 120fps
	Analog Recording Resolution: 720P	1280 x 720 @ 240fps	1280 x 720 @ 240fps	1280 x 720 @ 120fps
	Analog Recording Resolution: 960H	960 x 480 (NTSC) @ 480fps 960 x 576 (PAL) @ 400fps	960 x 480 (NTSC) @ 240fps 960 x 576 (PAL) @ 200fps	960 x 480 (NTSC) @ 120fps 960 x 576 (PAL) @ 100fps
	Analog Recording Resolution: D1	720 x 480 (NTSC) @ 480fps 720 x 576 (PAL) @ 400fps	720 x 480 (NTSC) @ 240fps 720 x 576 (PAL) @ 200fps	720 x 480 (NTSC) @ 120fps 720 x 576 (PAL) @ 100fps
	Analog Recording Resolution: Half D1	720 x 240 (NTSC) @ 480fps 720 x 288 (PAL) @ 400fps	720 x 240 (NTSC) @ 240fps 720 x 288 (PAL) @ 200fps	720 x 240 (NTSC) @ 120fps 720 x 288 (PAL) @ 100fps
	Analog Recording Resolution: CIF	360 x 240 (NTSC) @ 480fps 360 x 288 (PAL) @ 400fps	360 x 240 (NTSC) @ 240fps 360 x 288 (PAL) @ 200fps	360 x 240 (NTSC) @ 120fps 360 x 288 (PAL) @ 100fps
	Playback Search	Smart search / Time search / Event search	Smart search / Time search / Event search	Smart search / Time search / Event search
Storage & Backup	Internal HDD Support	SATA HDD x 4	SATA HDD x 1	SATA HDD x 1
	E-SATA	x 1	N / A	N / A
	External Backup Device	Locol USB backup, Remote backup via web browser	Locol USB backup, Remote backup via web browser	Locol USB backup, Remote backup via web browser
Network	Client Reqirement	Windows IE / Chrome / Firefox	Windows IE / Chrome / Firefox	Windows IE / Chrome / Firefox
	Max. online user	6	6	6
	Remote APP	Support iPhone / iPad / Android phone	Support iPhone / iPad / Android phone	Support iPhone / iPad / Android phone
Physical	Dimensions (W x H x D)	360 x 60 x 311 (mm)	218 × 44× 202 (mm)	218 × 44× 202 (mm)
	Operating Temp	0° ~ 45°C / 32° ~ 113°F	0° ~ 45°C / 32° ~ 113°F	0° ~ 45°C / 32° ~ 113°F

Model	NAC-74ADS
Image Sensor	1/2.9" Sony Exmor CMOS Sensor
Lens	3.6mm @ F2.1
Sensitivity	Color : 0.08 Lux (AGC ON) B / W : 0.05 Lux (AGC ON)
View Angle	83.74° (H), 43.60° (V)
IR Distance	28 LEDs, 25 Meters
Max. Resolution	1920 x 1080
Resolution	1920 x 1080 @ 30fps (NTSC) 1920 x 1080 @ 25fps (PAL)
Audio Compression	N/A
Audio	N/A
I / O	N/A
Security	N/A
Network Protocol	N/A
Power Consumption	DC 12V : 3.02W (IR ON) 1.02W (IR OFF)
Others	IP66, BNC, OSD (Optional), Shutter Time, 3-Axis Cable Management
Dimensions	Ø68.4 x H101.5 (mm)
Operating Temp	-10°C ~ 50°C/14°F~122°F

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Junction BOX

NCB-F01

Lenes

2.8 -12mm F2.0 , DC-Iris

Bracket

NCB-GL227

Mounting Plate

Ethernet Over Coax

NC - 01ED

Speed Dome Accessories

S7 Series

NCB-FC-9009N

NCB-FC-9002

NCB-FC-9009N

NCB-FC-9007

NCB-FC-9009N

NCB-FC-9008

NCB-FC-9009 + 9010

NCB-FC-9002

NCB-FC-9009 + 9010

NCB-FC-9007

NCB-FC-9009N

NCB-FC-9009 + 9010

NCB-FC-16H-01

NCB-FC-9006

S8 Series

NCB-FC-9009 + FC-9010-HU

NCB-FC-9005P-10 + FC-9010-HU

S3 Series

NCB-S30000001

Software

Nichietsu - EX

Features

- Push Video – Notification & play back
- H.265 stream decode – save bandwidth
- 5MP video support
- Landscape / Portrait switch
- Intuitive Pinch in / out
- 16 split screens
- Easy IP edit

IP Recorder

VMS

Features

- Support triple monitors
- Support Fisheye dewarp
- E-MAP
- Support for H.265
- IVS : Fence, foreign object, people counting
- Event manager with preview image