Video Management System

	MNR-1104+	NR-2008-E	NR-1104	NR-2104 / NR-2108 NR-2116	NR-4208 / NR-4216	NR-8216-RM / NR-8232-RM
	Coming Soon					
General						
Camera Support	1~4	1~8	1~4	1~4 (NR-2104) / 1~8 (NR-2108) 1~16 (NR-2116)	1~8 (NR-4208) 1~16 (NR-4216)	1~16 (NR-8216-RM) 1~32 (NR-8232-RM)
Operating System	Linux-Embedded	Linux-Embedded	Linux-Embedded	Linux-Embedded	Linux-Embedded	Linux-Embedded
Maximum Network Throughput	300Mbps	80Mbps	360Mbps	360Mbps	360Mbps	360Mbps
Full HD Local Display	Yes (HDMI x1, VGA x1)	Yes (HDMI)	Yes (HDMI)	Yes (HDMI)	Yes (HDMI x1, VGA x1)	Yes (HDMI x1, VGA x1)
Maximum Frame Rate (FPS) in Local Display	Full HD: 300 / HD: 600	HD:180 FPS	Full HD: 200 / HD: 300	Full HD: 200 / HD: 300	Full HD: 200 / HD: 300	Full HD: 200 / HD: 300
Storage Capacity Per HDD	Up to 2 TB	Up to 4 TB	Up to 6 TB	Up to 6 TB	Up to 6 TB	Up to 6 TB
Maximum Capacity	Up to 2 TB (2.5" SATA HDD/ SSD x1)	Up to 8 TB (2.5"/ 3.5" SATA HDD x2)	Up to 6 TB (2.5"/ 3.5" SATA HDD x1)	Up to 12 TB (2.5"/ 3.5" SATA HDD x2)	Up to 24 TB (2.5"/ 3.5" SATA HDD x4)	Up to 48 TB (2.5"/ 3.5" SATA HDD x8)
HDD Tray	1	2 (Internal)	1 (Internal)	2 (Internal)	4(Hot-swappable and lockable tray)	8(Hot-swappable and lockable tray)
Multi-NVR Server Monitoring	Yes (Up to 144 Channels)		Yes (Up to 256 Channels)	Yes (Up to 256 Channels)	Yes (Up to 256 Channels)	Yes (Up to 256 Channels)
Video Format	Motion-JPEG/ MPEG-4/ H.264 (Depending on Camera Models)	MPEG-4/ H.264	Motion-JPEG/ MPEG-4/ H.264 (Depending on Camera Models)	Motion-JPEG/ MPEG-4/ H.264 (Depending on Camera Models)	Motion-JPEG/ MPEG-4/ H.264 (Depending on Camera Models)	Motion-JPEG/ MPEG-4/ H.264 (Depending on Camera Models)
Disk Configuration	JBOD		Single	Single, JBOD, RAID 0/1	JBOD, RAID 0/1/10/5	JBOD, RAID 0/1/10/5
CPU	Intel High performance CPU	ARM CPU	Intel Dual Core CPU	Intel Dual Core CPU	Intel Dual Core CPU	Intel Dual Core CPU
GPIO	4 in, 4 out		-	-	4 in, 2 out	4 in, 2 out
LAN Port	Gigabit x4	Gigabit x1	Gigabit x1	Gigabit x1	Gigabit x2	Gigabit x2
USB Connector	USB 2.0 x4	USB 2.0 x2	USB 3.0 x2 and USB 2.0 x4	USB 3.0 x2 and USB 2.0 x4	USB 2.0 x6	USB 3.0 x1 and USB 2.0 x4
H/W Dimension	64.8(H) x 273.8(W) x 188(D) mm 2.55(H) x 10.78(W) x 7.4(D) inch	48(H) x360(W) x260(D) mm 1.88(H) x14.1(W) x10.2(D) inch	58.5(H) x237(W) x192(D) mm 2.3(H) x9.33(W) x7.56(D) inch	63.2(H) x295(W) x271(D) mm 2.49(H) x11.61 (W) x10.67 (D) inch	184.94(H) x205.3(W) x245.8(D) mm 7.28(H) x8.08 (W) x9.68 (D) inch	88.1(H) x481(W) x661.65(D) mm 3.46(H) x18.9(W) x26(D) inch
License Channel Upgrade	Support up to 36 channels		Support up to 36 channels	Support up to 36 channels	Support up to 36 channels	Support up to 36 channels

Video Management System

	NR-8364-RM+	NR-16364-RM+
General		
Camera Support	1~64	1~64
Operating System	Linux-Embedded	Linux-Embedded
Maximum Network Throughput	450Mbps	450Mbps
Full HD Local Display	Yes (HDMI x1, VGA x1)	Yes (HDMI x1, VGA x1)
Maximum Frame Rate (FPS) in Local Display	4K UHD: 360 / Full HD: 900 HD: 1200 / D1: 1600	4K UHD: 360 / Full HD: 900 HD: 1200 / D1: 1600
Storage Capacity Per HDD	Up to 6 TB	Up to 6 TB
Maximum Capacity	Up to 48 TB (2.5"/ 3.5" SATA HDD x8)	Up to 96 TB (2.5"/ 3.5" SATA HDD x16)
HDD Tray	8(Hot-swappable and lockable tray)	16(Hot-swappable and lockable tray)
Multi-NVR Server Monitoring	Yes (Up to 256 Channels)	Yes (Up to 256 Channels)
Video Format	Motion-JPEG/ MPEG-4/ H.264 (Depending on Camera Models)	Motion-JPEG/ MPEG-4/ H.264 (Depending on Camera Models)
Disk Configuration	JBOD, RAID 0/1/10/5/6	JBOD, RAID 0/1/10/5/6
CPU	Intel High Speed CPU	Intel High Speed CPU
GPIO	4 in, 2 out	4 in, 2 out
LAN Port	Gigabit x2	Gigabit x2
USB Connector	USB 3.0 x1 and USB 2.0 x4	USB 2.0 x1 and USB 2.0 x4
H/W Dimension	88.1(H) x481(W) x661.65(D) mm 3.46(H) x18.9(W) x26(D) inch	133.4(H) x430(W) x551.5(D) mm 5.25(H) x16.92(W) x21.71(D) inch
License Channel Upgrade	Support up to 64 channels	Support up to 64 channels

Camera Accessories

Lens	Part Number	Product Description	Supported Models
	YC-27	Fixed Focal Lens 1/3" CS-Mount, 2MP, f=4.05mm, F1.5	FB Series
	M13F04218IR	Fixed Focal Lens 1/3" CS-Mount, 2MP, f=4.2mm, F1.8	FB Series
	M13VG288IR	Vari-focal Lens with DC Iris 1/3" CS-Mount, 3MP, 2.2x, f=2.8~8mm, F1.2	FB Series (DC-Iris)
	3M2.812AUCS	Vari-focal Lens with DC-Iris 1/2.7", CS-Mount, 3MP, 4.3x, f=2.8~12mm, F1.2	FB Series (DC-Iris)
	TG3Z2914FCS-IR	Vari-focal Lens with DC Irirs 1/3" CS-Mount, 1MP, 3x, f=2.9~8.2mm, F1.4	FB Series (DC-Iris)
	YV10x5HR4A-SA2L	Vari-focal Lens with DC-Iris 1/3", CS-Mount, 2MP, 10x, f=5.5~50mm, F1.6	FB Series (DC-Iris)
	2M0660AUCS	Vari-focal Lens with DC-Iris 1/3", CS-Mount, 2MP, 10x, f=6~60mm, F1.4	FB Series (DC-Iris)
	MTV3X2812S	4x Vari-focal Lens with P-Iris 1/3", CS mount, 3MP, 3.21x, f=2.8mm~9mm, F1.2	FB-H Series (P-Iris)
	MSV7X7515S	6.7x Vari-focal Lens with P-Iris 1/2.7", CS mount, 3MP, 6.7x, f=7.5mm~50mm, F1.2	FB-H Series (P-Iris)

Camera Accessories

Outdoor Enclosure	Part Number	Product Description	Supported Models
	EN-2070HF	Infrared Illuminator Enclosure	FB Series
	EN-1000H	Outdoor Enclosure	FB Series
	EN-1000H-IR1	Outdoor Enclosure with 1 Unit Infrared Illuminator	FB Series
	EN-1000HF-IR1	Outdoor Enclosure with 1 Unit Infrared Illuminator	FB Series
	EN-1000H-IR2	Outdoor Enclosure with 2 Units Infrared Illuminator	FB Series
	EN-1000HF-IR2	Outdoor Enclosure with 2 Units Infrared Illuminator	FB Series
	IR040	Infrared Illuminators	EN-1000H

Camera Bracket	Part Number	Product Description	Supported Models
	CI-802 A	Camera Bracket	MD / FD / VD Series
	CI-803 A V2	Camera Bracket	FB / CB / MB Series
	CI-803 C	Camera Bracket	FB / CB / MB Series
	CI-812	Camera Bracket	OB Ap Series / OB Np Series
	CI-812-LR	Camera Bracket	OB-200Np-LR
	D77H03-WSP	Pendant	OSD-200A 20xp
	D77H03-WMP	Mini Pendant	OSD-200A 20xp

Camera Accessories

Camera Bracket	Part Number	Product Description	Supported Models
	CI-815	Pole Mount	CI-812
	D77H03-WST1	25cm Straight Tube	OSD-200A 20xp
	D77H05-WWBM	Wall Box Mount	OSD-200A 20xp
	D77H05-WCTB	Corner Box Mount	OSD-200A 20xp
	D77H05-WPTB	Pole Box Mount	OSD-200A 20xp
	D77H05-WPTD	Pole Direct Mount	OSD-200A 20xp
	DH801-V	Vandal-proof Cover	OSD-200A 20xp
	DH801-T	Transparent Cover	OSD-200A 20xp
	L-WM-01	L- Shape Wall Mount Bracket	FD / VD Series
	RM-2U01	Rail Mount	NR-8216-RM / NR-8232-RM
	OSD-B-PEN	Pendent Mounting Bracket	OSD-200Np 30X
	OSD-B-COR	Corner mount	OSD-200Np 30X
	OSD-B-POL	Pole mount	OSD-200Np 30X

Network Equipment

Antenna	Part Number	Product Description	Supported Models
	GEM07-15072A	3G Antenna	GOB Series
	GEM04-222008A	Wi-Fi Dual Band Omni Antenna	WOB Series
	RFA-T200	LTE Antenna	GOB LTE Series
	GEM04-222070	Wi-Fi Dual Band Patch Antenna	WOB Series
	BA3230	WiMAX Directional Antenna	WIXB-100 / WIXC-100

EoC	Part Number	Product Description	Supported Models
	EoC-300M EoC-300S	Ethernet over Coax Bridge	All Brickcom cameras

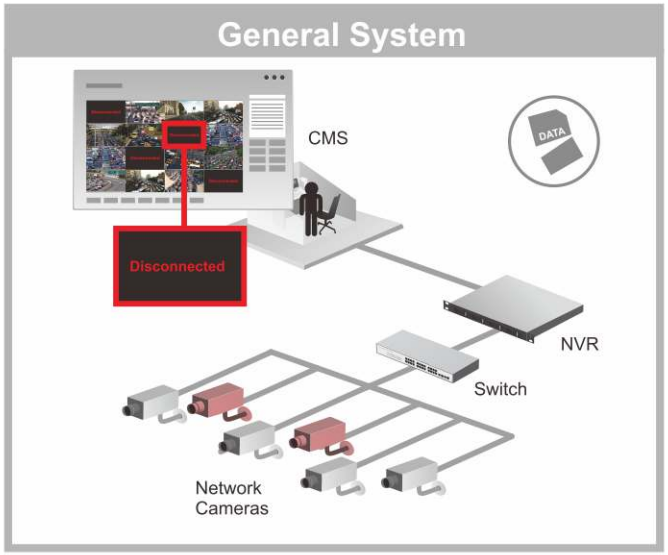
Others	Part Number	Product Description	Supported Models
	D77H07-EPB13 D77H07-EPB23	Power Box	OSD Series
	PSU-48V	Power Adapter 48V 0.8A	OB / VD / FD Series
	BNCMD-02	TV Out Cable	MD / FB / VD / FD Series
	USBCB-02	3G Connector Cable	All Brickcom Cameras with Mini USB Port

Adjusting Tool	Part Number	Product Description	Supported Models
	LT	Adjusting Lens Tool for 2.8mm/3.6mm/4mm/6mm/8mm lens	MD Ap Series / MD Np Series

Network Equipment

Networking	Part Number	Product Description	Supported Models
	PS-588I V2	8-port 10M / 100M Desktop PoE Fast Ethernet Switch	All Brickcom Cameras that support 802.3af PoE
	PS-5811IL-AT-180W	8-port 10M/100M Desktop PoE Web Smart Fast Ethernet Switch	All Brickcom Cameras that support 802.3at PoE Plus
	PS-7616IL	16-port 10M/100M PoE Web Smart Ethernet Switch	All Brickcom Cameras that support 802.3af PoE
	PS-7242IL-AT	24-port 10/ 100M PoE+ Web Smart Ethernet Switch	All Brickcom Cameras that support 802.3at PoE Plus
	WRT-750N	Dual Band Wireless N Router	All Brickcom cameras
	WAP-300AN	Outdoor Long Range 802.11a/n 5GHz Wireless AP/CPE/Bridge	All Brickcom cameras
	POE30U V2	High Power PoE Injector 48V	All Brickcom Cameras that support 802.3at PoE Plus
	POE16U	PoE Injector	All Brickcom Cameras that support 802.3af PoE
	WIXB-100	Wimax Outdoor BS	All Brickcom cameras
	WIXC-100	Wimax Outdoor CPE	All Brickcom cameras
	BP-1000	UPS power pack for camera	All Brickcom Cameras that support DC12V
	PB-03	Multiple Power Input Box	MD / OB Series
	SMC-71	Joystick	OSD Series

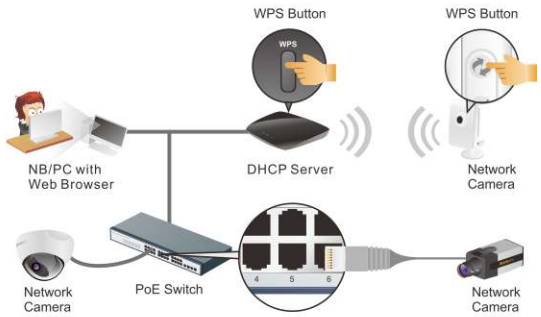
Never Lost System



Easy Installation

1 **Install the cameras and the network devices (Plug and Play)**

* The WPS function can simply build up the wireless connection and encryption by pressing the WPS button on both the router and the camera.



2 **Install the Brickcom EasyConfig software with the Product CD, and search for your camera without having to configure any IP setting.**

3 **Click <Live View> to view the live video feed of the connected camera.**

VMS Partners

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