

RECORDING TIME

16 channel model (NR-16M62, NR-16M65)

Resolution	Image Quality	Recording Time (One Channel)					
		30/25fps	15/12fps	7/6fps	3/2fps	2/2fps	1/1fps
5MP	HIGHEST	-	1,431	2,863	3,579	4,295	5,727
	HIGH	-	1,709	3,419	4,274	5,128	6,838
	STANDARD	-	2,121	4,242	5,302	6,363	8,484
	LOW	-	2,793	5,587	6,984	8,380	11,174
1080p	HIGHEST	716	1,431	2,863	3,579	4,295	5,727
	HIGH	855	1,709	3,419	4,274	5,128	6,838
	STANDARD	1,060	2,121	4,242	5,302	6,363	8,484
	LOW	1,397	2,793	5,587	6,984	8,380	11,174
720p	HIGHEST	781	1,562	3,124	3,905	4,685	6,247
	HIGH	971	1,941	3,882	4,853	5,824	7,765
	STANDARD	1,282	2,564	5,128	6,410	7,692	10,257
	LOW	1,888	3,776	7,552	9,439	11,327	15,103

4/8 channel model (NR-4/8M62, NR-8M65)

Resolution	Image Quality	Recording Time (One Channel)					
		30/25fps	15/12fps	7/6fps	3/2fps	2/2fps	1/1fps
5MP	HIGHEST	-	859	1,718	2,147	2,577	3,436
	HIGH	-	1,070	2,141	2,676	3,211	4,282
	STANDARD	-	1,420	2,840	3,550	4,259	5,679
	LOW	-	2,108	4,216	5,270	6,324	8,432
1080p	HIGHEST	429	859	1,718	2,147	2,577	3,436
	HIGH	535	1,070	2,141	2,676	3,211	4,282
	STANDARD	710	1,420	2,840	3,550	4,259	5,679
	LOW	1,054	2,108	4,216	5,270	6,324	8,432
720p	HIGHEST	537	1,074	2,147	2,684	3,221	4,295
	HIGH	682	1,363	2,727	3,409	4,090	5,454
	STANDARD	934	1,867	3,735	4,668	5,602	7,470
	LOW	1,481	2,962	5,924	7,405	8,886	11,848

OPTIONS

ACCESSORY

Model Number	NR-RM1	NR-RM2	NR4PoE	NR16PoE-2
Product Type	Rack Mount Ear for HL Series	Rack Mount Ear for H Series	4ch External PoE Hub	8ch External PoE Hub
				
Dimensions	W114 x H46 x D79 mm	W26.2 x H84.8 x D61 mm	W200 x H38 x D131 mm	W305 x H38 x D142 mm
Weight	330 g	123 g	620 g	940 g



*Exact products and specifications shown may vary by geographic and subject to change without notice.
Actual products may differ from the images appearing in the specification sheet.

CBC Co.,Ltd.
TOKYO Head Office Image and Information Technology Division
Ganz Global Brand Center

<http://www.ganz-global.com/>

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GANZ IP SPECIFICATIONS

Network Video Recorder "PixelMASTER" 5 Megapixel Series



PIXEL MASTER

Plug and Play with **GANZ PixeIPro**
IP Cameras with no configuration required

Features:

- 5MP @ 15 fps / HD1080P Real time Recording
- Up to 480 fps (16ch) / 240 fps (8ch) / 120 fps (4ch)
- Efficient H.264 compression
- Built-in PoE switching HUB
- Automatic router port forwarding
- Remote F/W upgrade
- Full HD GUI
- Monitoring for fan failure and temperature
- HDD failure notification (S.M.A.R.T)
- Remote viewer : PC & web based remote agent, smartphone application

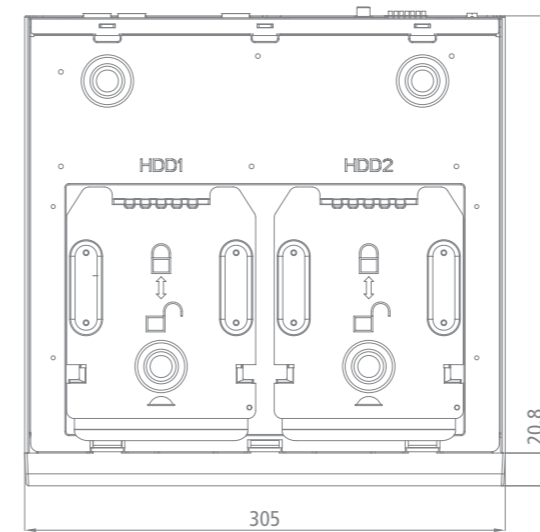
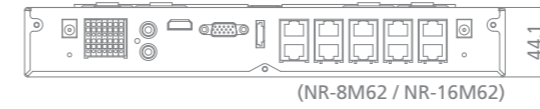
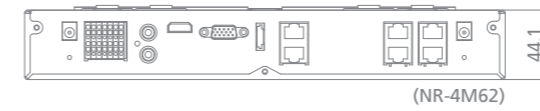
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SPECIFICATION

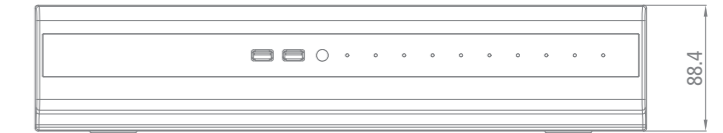
Model Name	NR-4M62	NR-8M62	NR-16M62 (8ch PoE not included)	NR-8M65	NR-16M65 (8ch PoE included)	
Channels	4ch	8ch	16ch (IPX 8ch + HUB 8)	8ch	16ch (IPX 8ch + HUB 8)	
Monitoring	Display Rate	HD1080p 120fps/100fps(Realtime)	HD1080p 120fps/100fps or 640x360 240fps/200fps	HD1080p 120fps/100fps or 640x360 480fps/400fps (Realtime)	HD1080p 240fps/200fps (Realtime)	
	Display Resolution	1080p / 720p / SXGA				
Record	Display Mode	1,4	1,4,6,8,9	1,4,8,9,16	1,4,6,8,9	
	Video Compression	H.264 (BP, MP, HP)				
	Audio Compression	G.711				
	Recording Resolution	5MP, 3MP, HD 1080p or HD720p, 640x360 (Depend on IP Camera)				
	Recording Rate	5MP@15fps / HD1080p Real time Recording				
	Schedule Method	Daily / Weekly Each Hour				
	Post-Event Recording	5/10/15/20/30/60/120/180 Sec				
	Pre-Event Recording	0/1/2/3/4/5/10/15 Sec				
	Panic Recording	Yes				
	Event Logging	Yes (Motion, Alarm, Panic, Vloss)				
Search & Playback	System Logging	Yes (System On/Off, Time Changed, Hdd/Email Operations, Sysyem Operations)				
	Setup Logging	Yes (Setup Changed)				
	Remote Logging	Yes (Who, IP Address, Remote Operations)				
	Display Mode	1/4	1,4,9	1,4,9,16	1,4,9	1,4,9,16
	Playback Rate	Up to 120fps	Up to 240fps	Up to 480fps	Up to 240fps	Up to 480fps
	Playback Speed	X1, x2, x4, x8, x16, x32, x64				
	Archiving Devices	USB Memory, FTP				
	Remote Archiving	YES (WEB RA, VMS, FTP)				
	Backup Data Format	AVI, RAW				
	Network	Max. Connections	10 Users	10 Users	10 Users	10 Users
Transmission Rate		MAX 120 fps (Depend on IP Camera)	MAX 240 fps (Depend on IP Camera)	MAX 480 fps (Depend on IP Camera)	MAX 240 fps (Depend on IP Camera)	MAX 480 fps (Depend on IP Camera)
Smart Phone Application		YES (iOS, Android)		YES (iPhone, iPad, Android)		
Web Based Remote Agent		Yes(Windows, Linux, Mac Os/X, Etc)			Yes (Windows [®])	
System	Protocols	WS-Discovery, RTP, RTSP, RTCP,S MTP, NTP, HTTP, FTP, DDNS, DHCP, uPNP (Router Port Forwarding), HTTPS, SSL				
	Operating System	LINUX [®]				
	Network Time Sync	Yes				
	DST	Yes				
Interface Device	F/W Upgrade	Yes (USB / Network)				
	Setup Import/Export	Yes				
Language	Front Key Panel	No				
	IR Remote Controller	Yes				
Video	Input Signal	Multi-Language (English, Korean, Japanese, Russian, Italian, French, German, Polish, Thai, Chinese, Dutch, Czech)				
	Main Monitor	4 x IP Camera (Max 5M Pixel)	8 x IP Camera (Max 5M Pixel)	16 x IP Camera (Max 5M Pixel)	8 x IP Camera (Max 5M Pixel)	16 x IP Camera (Max 5M Pixel)
	Main Monitor Resolution	VGA or HD Display				
	Motion Detection	Yes (From IP Camera)				
Audio	Input Signal	4ch (From IP Camera)	8ch (From IP Camera)	16ch (From IP Camera)	8ch (From IP Camera)	16ch (From IP Camera)
	Output Signal	1ch				
	Microphone	1ch				
	Codec	G.711				
Recording	Codec	H.264(BP,MP,HP)				
	Rec. Rate	Max. 30fps@5MP/ch(Depend on IP Camera)				
Alarm I/O	Rec. Resolution	5MP, 3MP, HD 1080p or HD720p, 640x360 (Depend on IP Camera)				
	Alarm Input	4ch (IP) + 2ch (Internal) (Depend on IP Camera)		8ch (IP) + 2ch (Internal) (Depend on IP Camera)		16ch (IP) + 2ch (Internal) (Depend on IP Camera)
	Alarm Out	4ch (IP) + 1Relay (Internal) (Depend on IP Camera)		8ch (IP) + 1Relay (Internal) (Depend on IP Camera)		16ch (IP) + 1Relay (Internal) (Depend on IP Camera)
Storage	Internal HDD	2 (SATA)		5		
	External Storage	Yes (eSATA, NAS(for Backup))				
Interfaces	Internal ODD	-				
	USB	2 ports		3ports		
	RS-485	1	1	1	1	1
	RS-232	1	1	1	1	1
Hub	LAN	4 (IP Camera, PoE) + 1 (LAN) + 1 (WAN)		8 (IP Camera, PoE) + 1 (LAN) + 1 (WAN)		
	Remote Control	Yes				
Etc	Network	-		2GE + 8FE (PoE)		2GE + 8FE (PoE)
	Total PoE Power	-		72W		72W
	Adaptor	-		48V, 96W		48V, 96W
Power	Watchdog	Yes				
	Cooling Fan	1ea				
Power Supply	Power Supply	12V adaptor + 48V adaptor		SMPS 12V 100W + SMPS 52V 100W		
	Power Consumption	6W (12V, w/o HDD), 3W (48V, w/o camera)	6W (12V, w/o HDD), 5W (48V, w/o camera)	15W max. without HDD		
Environment	Temperature	0°C ~ 40°C (32°F~104°F)				
	Humidity	10 ~ 90% NC				
Chassis	Dimension	1U (305 x 298 x 44)		2U (430 x 367 x 88.4)		
	Weight	-				
Certification	FCC, CE, C-Tick			UL, cUL, FCC, CE, KC, C-tick		

DIMENSIONS

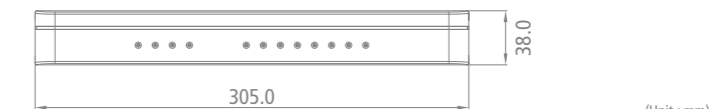
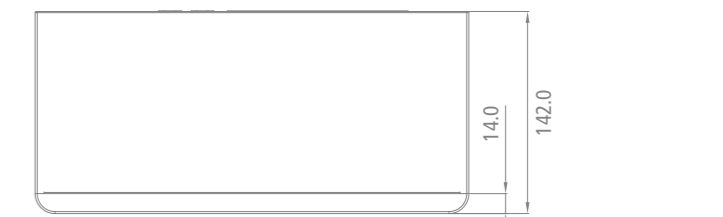
NR-4M62 / NR-8M62 / NR-16M62



NR-8M65 / NR-16M65



The NR-16M65 features an external 8-channel Extension PoE hub



(Unit : mm)

BACK PANEL



The NR-16M65 features an external 8-channel Extension PoE hub