



Multi-Format Recording Device

GANZ **DIGIMASTER MP** Multi-Format Recorder

Features:

- Multi-Technology Platform – Analog / AHD / TVI / IP
- High resolution recording up to 1080p AHD, 3 MP TVI, 6 MP IP
- Remote access via Network through web browser, DMS
- Pentaplex Operation: Simultaneous Live Record / Playback / Archive / Network
- RAID support
- Video access through mobile devices
- USB mouse, handheld remote
- Snapshot feature allows user to generate JPG image from archive and save directly to USB



Specifications

Model		DR-8F45AT	DR-16F45AT	
Operating System		Embedded LINUX		
Video	Analog Video Input	Mix of CBVS (NTSC/PAL), AHD/TVI selectable, IP Hybrid operation (Maximum) : 8 IP (up to 6MP x 1ch and 2MP x 7ch) or 8 Analog	Mix of CBVS (NTSC/PAL), AHD/TVI selectable, IP Hybrid operation (Maximum) : 16 IP (up to 6MP x 2ch + 2MP x14ch) or 16 Analog	
	Video Standard	NTSC / PAL - AHD / TVI selectable		
	Video Compression	H.264		
Audio	Input	8Ch (10KOhm, 2.8Vpp)	16Ch (10KOhm, 2.8Vpp)	
	Output	1Ch (600Ohm, 2.8Vpp)		
	Audio Compression	G.711/ Bi-directional		
Display	Interface	1 HDMI, 1 VGA / Dual Display (Duplicate) or (Main+Spot)		
	Output Resolution	1920x1080		
	Display Rate	240FPS/200FPS	480FPS/400FPS	
	Display Split	1, 4, 6, 8, 9	1, 4, 6, 8, 9, 16	
	Spot-Out	1 Ch (Layout 1x, 2x2)	2 Ch (Layout 1x, 2x2)	
	Privacy Masking	Yes		
	OSD	Yes		
Recording	Analog Resolution	CIF / 2CIF / 4CIF / D1 / 960H / 720P / 1080P / 3MP		
	IP Resolution	Up to 6 MP		
	Recording Rate	Analog: Up to 240FPS/200FPS @ CIF / D1 / 960H / 720P / 1080P, 144FPS@3MP (TVI only)	Analog: Up to 480FPS/400FPS @ CIF / D1 / 960H / 720P / 1080P, 288FPS@3MP (TVI only)	
		IP: Up to 30FPS@6MP	IP: Up to 60FPS@6MP	
	Bit Rate	Lowest / Low / Standard / High / Highest		
	Record Mode	Manual, Schedule (Regular {Continuous}, MD, Alarm), Stop		
Record Interval	Prerecord: 1~15 sec / Post-record: 5~180 sec			
Detection	Trigger Events	Motion, Tamper, Alarm, Panic, Vloss		
	Video Detection	Motion Detection		
Alarm & Relay	Alarm Input	8 Ch+ (1 Ch Panic, 1 Ch ARI), Pulled up to 5V via 10KOhm	16 Ch+ (1 Ch Panic, 1 Ch ARI), Pulled up to 5V via 10KOhm	
	Alarm Output	4 Ch, O.C. (Pulled up to 5V via 10KOhm)	8 Ch, O.C. (Pulled up to 5V via 10KOhm)	
	Relay	4Ch, RELAY (125VAC, 60VDC)	8Ch, RELAY (125VAC, 60VDC)	
	Watchdog	Yes		
Playback & Backup	Sync Playback	Up to 30fps/channel @ Analog input, Up to 30fps/channel @ IP input		
		8 Ch split : Up to 240 @ 704x240	16 Ch split : Up to 480 @ 704x240	
	Search Mode	Calendar / Event / Time / Thumbnail		
	Playback Speed	x1, x2, x4, x8, x16, x32, x64		
	Export/Backup	External ODD, USB Storage, FTP		
Watermark	Yes			

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Specifications (continued)

Model		DR-8F45AT	DR-16F45AT
Network	Ethernet Port	1 (WAN) - 10/100/1000Mbps	
	Ethernet TX Speed	256Kbps ~ 64Mbps	
	Protocols	RTP, RTSP, RTCP, SMTP, NTP, HTTP, FTP, DDNS, DHCP, Upnp (Router Port Forwarding)	
	Max. User Access	10	
	Web Browser	Yes (Windows®, MacOS/X®)	
	Mobile App	Yes (iOS & Android)	
	DMS Client	Yes (Windows®, MacOS/X®)	
Storage	Internal HDD	Max 5	Max 5
	Internal RAID	RAID 5	RAID 5
	External HDD	Max 5	Max 5
Auxiliary Interface	eSATA	Yes	Yes
	USB	3 ports (2 Front + 1 Rear)	3 ports (2 Front + 1 Rear)
	RS232	1	1
	RS485	2	2
	IR Remote	1	1
Electrical	Power Supply	12VDC, Adaptor, 6.67A, 100~200VAC, 50-60Hz	
	Power Consumption	30W max. without HDD	42W max. without HDD
Environment	Operating Temperature	32°F~104°F (0°C ~ 40°C)	
Physical	Dimensions (W×D×H)	16.9" x 14.4 x 3.3 / 2U (430 x 367 x 88.4mm)	
	Weight	12.6 lbs (19 lbs with packing materials) / 5.7kg {9kg with packing materials}	
Certifications	CE, FCC, UL listed		

Specifications are subject to change without notice.