



## M95 Mini Standalone NVR

Prebuilt 4/ 8/ 12ch IP Camera Licenses with up to 2 HDDs  
Featuring Embedded Windows 7 and POS Software



12ch Full HD  
Real-time Recording  
(Max. 72Mb)



5ch Full HD  
Real-time Display  
on Dual Monitors



Total 2TB with 2HDDs,  
Supports 1TB (2.25") or  
4TB with 1HDDs(3.5"),  
Disk Drive



On-board  
Hardware  
Watchdog

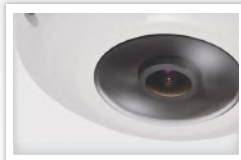


## GVD M95

### Mini Standalone NVR

GVD M95, mini standalone NVR (24 x 20 x 7.2cm), is a turnkey product with embedded Windows 7 and POS software that's suitable for multi-site projects, including buildings, offices, factories, campuses, hotels, banks, retail chain stores, shopping Malls, etc., etc.. It's reliable and flexible to scale up projects with VMS Platform (300~5000ch) or CMS Platform (64~300ch) to suit your needs.

#### Key Feature



##### Support Onvif Profile S & Onvif 2.2

Supports 90+ brands of IP cameras and 2000+ models.  
GVD offers better and more flexible PTZ control than ONVIF.  
GVD advanced Motion Detection integration surpasses ONVIF.



##### Scale up Projects with VMS/CMS

GVD M95 NVRs are suitable for VMS platform (300~5000ch) or CMS platform (64~300ch) to scale up the projects to meet your needs.



##### HD Empowerment

GVD unique software has advanced features such as MVP, ROI, Turbo Mode Plus, etc. that offers high performance video recording and display.



##### Smooth Video with Exclusive Video Playout Control

Built-in Exclusive Video Playout Control technology that enables smooth video and limiting of video quality degradation for different situations like uniform Camera Time Stamp, Unstable Network Conditions.



##### IVA Functions and POS Integration

GVD POS editor integrates with all different POS machines via GVD POS Box, that's suitable for retail chain stores. The GVD software also combines with IVA functions such as MVP, e-fences, missing object, foreign object for more analyses.



##### Powerful Alarm Management

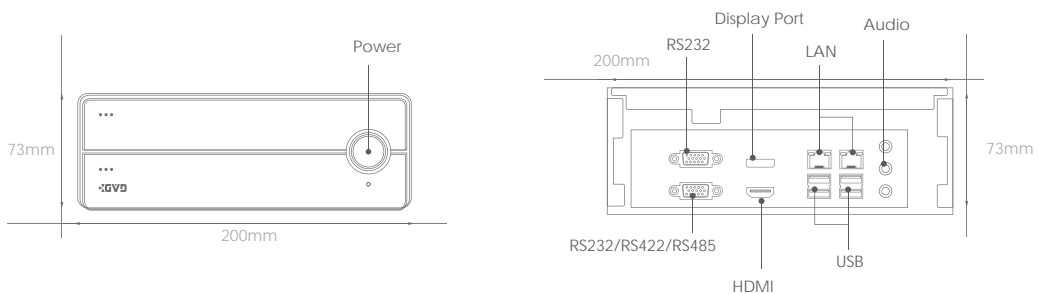
Alarm notification by Pop-up, E-mail, DI/DO (Modbus Support) when video loss, sensor triggered, HDD crashed, system crashed, abnormal transaction, e-fence, video motion detection, etc.



## System Diagram



## Dimensions



## Specification

Product		M95	
System	Item	Mini Standalone NVR	
	CPU	Intel® Celeron® G1840 Processor	
	Memory	DDR3-1600 4G	
	Operation System (OS)	Windows 7 Embedded	
	Network Protocols	TCP/IP ,UDP, HTTP, HTTPS, SMTP,SNMPv3, DNS, DHCP, NTP, ARP, ICMP, FTPc, FTPs, DDNS, RTP (RTCP, RTSP), IGMPv3, UPnP, CIFS, NFS, IEC802.1x	
	Language	English, Spanish, French, Dutch, Italian, Japanese, Chinese, etc.	
	Watchdog	Supports Hardware Watchdog, Software Watchdog	
	System Update	Supports NVR Software Update	
	Video & Recording	IP Camera License	4ch, 8ch, 12ch
		Display Performance	D1@480fps / 1.3MP@240fps / 2MP@125fps (Turbo Mode - Real Time)
Recording Throughput		Max.72Mb	
Recording Resolution		D1, 1.3-20 Megapixel	
Video Codec		H.264 High Profile, MPEG4, M-JPEG, MxPEG	
Audio Codec		Two-Way Audio, G. 711, G.726, AAC	
Streaming Type		Unicasting, Multicasting	
Onvif Supports		Onvif 2.2, Profile-S	
Recording Capacity		2 TB (2 x 2.25"HDDs) or 4 TB (1 x 3.5"HDDs)	
Software			
Setting	Configurations	Configurations of NVR, Camera, Event, Alarm, Device, DI/DO, etc.	
	User Authority	Export Video Clip, PTZ Control, Live View, Playback, Alarm Search, Configuration, Remote System Control, etc.	
	Recording Mode	Full Time Recording, Recording by Schedule, Event, Alarm, Motion Detection	
E-map	E-map	Mapping Cameras and DI/DO Points, Map Hyperlink	
PTZ	PTZ Control	PTZ Control, Preset Point, Patrol, Digital PTZ	
Live View	Display Pattern	1, 2, 3, 4, 5, 6, 8, 9, 12, 13, 16, 18, 24, 25, 36, 48, 64	
	Viewing Operation	ROI (Region of Interest), Tour	
Playback	Video Search	Time, Event, Alarm	
	Synchronous Playback	up to 12ch	
	Video Playback	Time Slider Control Panel (Forward, Backward, Speed Control, Sync. Playback)	
	Video Export	Video Export via USB (Supports .avi and .ava Format), Digital Watermark	
IVA	Intelligent Search	Missing Object, Foreign Object	
	Intelligent Video Analytics	E-fence, Video Motion Detection	
Event	Event Log	Event logs of System, Cameras, User, etc.	
Alarm	Alarm Event / Search	Video Loss, Sensor Triggered, HDD Crashed, System Crashed, Abnormal Transaction, E-fence, Video Motion Detection	
	Alarm Notification	Pop-up, E-mail, DI/DO, Trigger Recording	
	Alarm In / Alarm Out	DI/DO Control, Modbus (Master, Slave)	
Remote Client	Web Client	Support Browser IE 9.0	
	APP Client	iOS (iPhone, iPad), Android	
	VMS/CMS Client	VMS(E300), CMS(E150), Thin Client(E90 - Window XP/7/8)	
	Supports Client Numbers	5	
POS	POS License	8ch	
	POS Integration	Integration with all brands via GVD POS Editor	
	Transaction Viewing	Live Viewing with Transaction data	
	Search / Playback	Time, Item (Keyword), Price with Transaction data and Video	
	Abnormal Transaction	Alarm Rule (Item, Value), Alarm Popup, Alarm Search	
Hardware			
Network	Lan Port	Gigabit Lan (RJ45) x2	
	Ethernet	10/100/1000M Auto Negotiation	
Display	Local Display	HDMI x1, Display Port x1	
	Local Display Resolution	1920x1200	
Storage	Hard Disk Drive	SATA	
	Hard Disk Trays (Bays)	2 pcs (2.25") or 1 pcs (3.5")	
	Storage Capacity	1 TB (2.25") or 4 TB (3.5")	
Port	USB Port	USB 2.0 Front x2, Rear x2 ; USB 3.0 Rear x2	
	Communication Port	RS232 x1 ; RS232/422/485 x1 - Rear I/O	
	Audio Port	Front: MIC-in x1, Headphone x1 ; Rear: MIC-in x1, Line-out x1, Line-in x1	
Power	Power Voltage	100-240 Vac, 50-60 Hz	
	Power Consumption	90W	
Environment	Operation Temperature	0°C ~ 35°C (32°F ~ 95°F)	
	Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)	
	Operation Humidity	0%~ 90%	
	Storage Humidity	0% ~ 95%	
Appearance	Dimensions	200(W)x73(H)x253(D)mm	
	Net Weight	1.86 Kg	
	Chassis	Steel, Black	
Expansion	POS Box	A0003-POS (RS-232)	

\*All specifications are subject to change without notice