



## E300/D300 VMS Manager and Video Wall Decoder

Enterprise & Multi-site Design for Large Scale Platform (300~5,000ch)  
Supports Backup / Failover Servers and Fully Integration with 3-party



Centralized to  
Manage up to  
5,000ch Cameras



Supports 40 Screen Video  
Wall and Synchronous  
Display with D300



Seamless Video  
Display without  
any settings



Supports  
Multicast and  
Plug-n-play



# GVD E300/D300

## VMS Manager and Video Wall Decoder

GVD E300, a centralized and scalable platform, manages up to 5,000ch cameras that allows easy project scale-up through flexible add-ons GVD product components as Video Wall Decoders, NVRs, Mobile NVRs, Backup Servers, Failover Servers, Directory Servers, LPR Servers, and Integration Gateways. GVD E300 is reliable and suitable for large scale project, including governments, homeland security, city surveillance, airports, seaports, mining, offices, factories, campuses, hotels, banks, etc..

### Key Feature



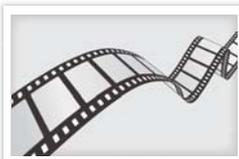
#### Manages up to 5,000 Cameras and User Defined Tags

GVD E300 can handle 300~5,000 channel video via different kinds of NVR as enterprise HD NVR, standalone NVR, etc. It's simple to use defined tags to manage massive cameras.



#### Video Wall Synchronous Display

Video operations directly apply to remote video wall, for example: drag and drop to view live video, Playback, change video layout, Start/Stop video touring, etc..



#### Seamless Video Display without Any Settings

GVD E300 supports seamless video display which can automatically switch devices to take available video source without any settings.



#### Fully Integration for Total Solutions

GVD E300, an open platform, is Integratable with many third-party systems such as ACS, POS, LPR, Alarm, Fire applications. etc..



#### Smooth Video with Exclusive Video Payout Control

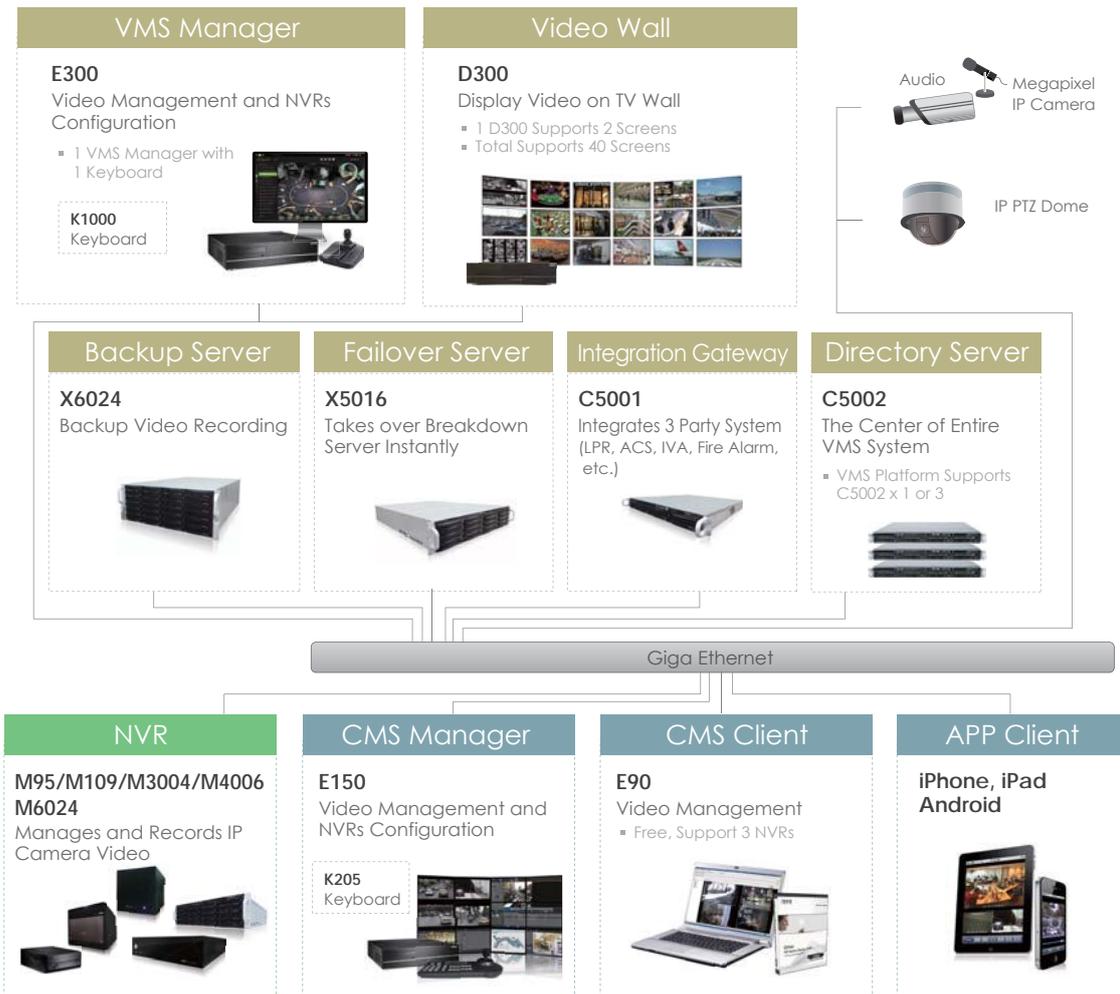
GVD exclusive video payout control technology enables smooth video rendering, regardless of unstable 3G, Wi-Fi, and network conditions.



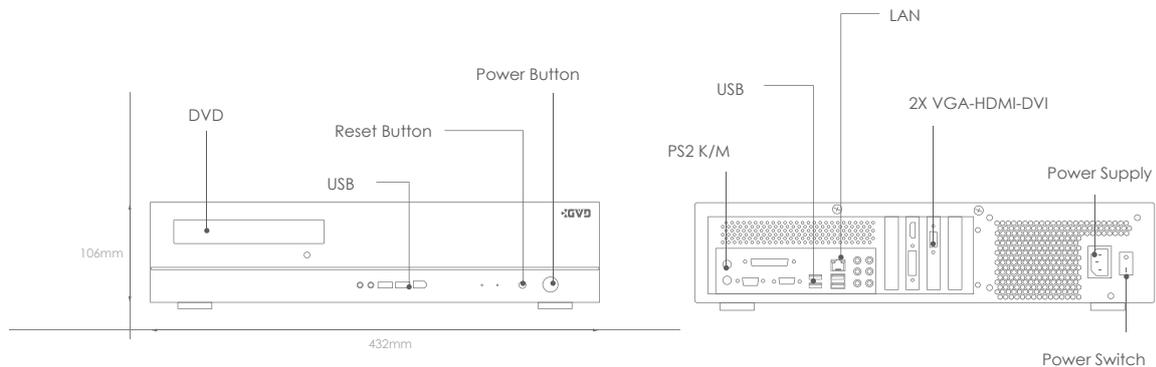
#### Powerful Alarm Management

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



**ONVIF** Driving network video through global standardization

## Specification

Product		E300	D300
System	Item	VMS Manager	Video Wall Decoder
	CPU	Intel Core i7-2600 (3.43GHz/8M cache)	
	Memory	DDR3-1333 8G	DDR3-1333 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	Display Performance	D1@1740fps / 1.3MP@960fps / 2MP@475fps (Turbo Mode - Real Time)	
	Video Codec	H.264 High Profile, MPEG4, M-JPEG, MxPEG	
	Streaming Type	Unicasting, Multicasting	
Software			
Setting	Configurations	Configurations of GPS, Map, Video Buffering, SDP, Door, Accounts, Video Wall, SCM, LPR, Multicast, Patterns, Backup, Tags, Station, Local Settings, etc.	na
	User Authority	Supported	na
E-map	E-map	Mapping Cameras and NVRs (Static Map, Google Map)	na
PTZ	PTZ Control	PTZ Control, Preset Point, Patrol, Digital PTZ	na
Live View	Display Pattern	1, 2, 3, 4, 5, 6, 8, 9, 12, 13, 16, 18, 24, 25	
	Viewing Operation	ROI (Region of Interest), Tour	ROI (Region of Interest) and Tour via E300
Playback	Video Search	Time, Alarm	na
	Video Playback	New Time Slider Control Panel (Forward, Backward, Speed Control)	via E300
	Video Export	Video Export via USB (Supports .avi and .ava Format)	na
Event	Event Log	User Event logs	na
Alarm	Alarm Event / Search	Video Loss, Sensor Triggered, HDD Crashed, System Crashed, Video Motion Detection ; Mobile: Overspeed, Out-of-Route, Arrival/Departure, Dwell	na
	Alarm Notification	Pop-up	
Hardware			
Network	Lan Port	Gigabit Lan (RJ45, On-board Teaming) x2	
	Ethernet	10/100/1000M Auto Negotiation	
Display	Local Display	VGaX1, HDMiX1, DVI-Dx1 (Support Two Video Outputs Simultaneously)	
	Local Display Resolution	1920x1200	
Media Device	Hard Disk Drive	SATA	
	Hard Disk Trays (Bays)	1 pcs	
	Hard Disk Capacity	500 GB	
	Media Drive	DVD Drive	
Port	USB Port	USB 2.0 Front x2, Rear x4	
	Communication Port	RS232 (Header) x1 - Onboard I/O	
	Audio Port	Rear : MIC-in x1, Line-out x1, Line-in x1	
Power	Power Voltage	100~240 Vac, 50-60 Hz	
	Power Consumption	127W	
Environment	Operation Temperature	0°C ~ 40°C (32°F ~ 104°F)	
	Storage Temperature	-10°C ~ 60°C (14°F ~ 140°F)	
	Operation Humidity	0% ~ 90%	
	Storage Humidity	5% ~ 95%	
Appearance	Dimensions	432(W)x106(H)x427(D)mm	
	Net Weight	7.0 Kg	
	Chassis	Aluminum, Black	
Expansion	Keyboard	K1000	

\*All specifications are subject to change without notice