Safeguarding Your Best Interests

Backup and Failover Server

X6024/X5016

Prebuilt 128ch IP Camera Licenses with up to 24/16 HDDs Redundancy Design Ensures Data Security in VMS Platform

GVD X6024/X5016, Backup Servers and Failover Severs, ensure constant video recording and monitoring to prevent data loss. Backup Servers record 128ch full HD real-time video on each camera for double protection, and Failover Servers take over broken-down NVR instantly to prevent data loss. GVD X6024/X5016 are reliable and suitable for large scale project, including governments, homeland security, city surveillance, airports, seaports, mining, offices, factories, campuses, hotels, banks, etc..

- 128ch Full HD Real-time Recording (Max. 384 Mbps)
- Ensures Constant Video Recording and Monitoring
- Robust and Industry-suited, design with Dual LAN Ports, Redundant Power
- On-board Hardware Watchdog

Key Feature

Provides 128ch Video Recording and Viewing

GVD redundancy servers ensure 128ch Full HD Real-time Recording and monitoring to prevent data loss.

Failover Server Takes over Breakdown Server Instantly

GVD redundancy Failover Server offers N+M (M=2) solution for high availability and disaster recovery. It takes over broken-down (Less than 45 seconds) to prevent data loss.

Robust and Industry-suited Design

The self monitoring system with dual watchdog functions monitors the system temperature and the accurate operation of hardware and software to ensure high system continuity.



Powerful Storage Solution to Handle Harsh Situations

GVD X6024 Backup Server is compatible with 3 sets (maximum) of GVD Extended Storage (DAS) which provides mirror video backup by schedule and event from NVR 24x7 in a real-time bases.

Seamless Live Viewing and Playback in VMS Platform

GVD redundancy servers ensure constant video recording and monitoring in VMS platform to provide seamless live viewing and playback.



Easy Project Scale-up with Add-on Servers GVD redundancy servers are add-on solutions which are simple, reliable and flexible to scale up projects in VMS Platform.

VMS platform Backup Server X6024 Failover Server X5016 D300 Directory Server VMS manager Video wall C5002 E300 WAN LAN CA6 Switch NVR NVR M6012 M6024 E150 E90 CMS Client CMS Manager E90 CMS Client iPhone, iPad, Android APP Client $\mathbf{D} = \mathbf{D}$ 0.0 Client 2 **DVIF** Client 1

System Architecture

Specification

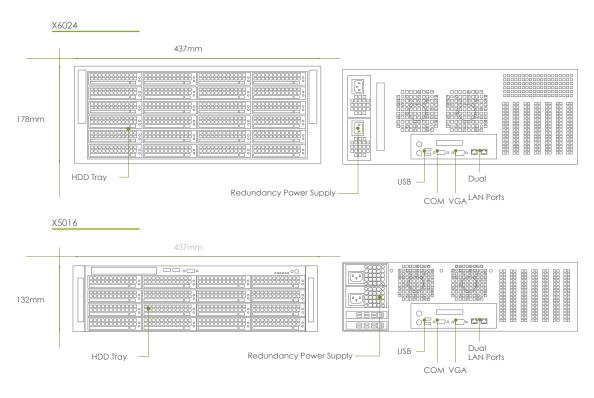
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Product		X6024	X5016
System	Item	Backup Server	Failover Server
	CPU	Intel [®] Xeon [®] E3-1240 Processor	Intel [®] Xeon [®] E3-1220 Processor v2
	Memory	DDR3-1333 8G	
	Operation System (OS)	Windows 7 Embedded	
	Network Protocols	TCP/IP, UDP, HTTP, HTTPs, SMTP, SNMPv3, DNS, DHCP, NTP, ARP, ICMP, FTPc, FTPs,	
		DDNS, RTP (RTCP, RTSP), IGMPv3, UPnP, CIFS, NFS, IEC802.1x	
	Watchdog	Supports Hardware Watchdog, Software Watchdog	
	System Update	Supports Software Update	
	Certification	CCC / CE / FCC / VCCI	
Video & Recording	IP Camera License	128ch	
	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	96 TB (24x HDDs), RAID 0, 1, 5, 6	64 TB (16x HDDs), RAID 0, 1, 5, 6
	Extended Storage Capacity	Max. 288 TB (3x S6024)	na
Hardware			
Network	Lan Port	Gigabit Lan (RJ45, On-board Teaming) x2, Dedicated IPMI x1	
	Ethernet	10/100/1000M Auto Negotiation	
Display	Local Display	VGA x 1	
	Local Display Resolution	1920x1200	
Storage	Hard Disk Drive	SATA	
	Hard Disk Trays (Bays)	24 pcs (Hot Swap)	16 pcs (Hot Swap)
	Storage Capacity	4 TB	
	RAID Level	RAID 0, 1, 5, 6	
Port	USB Port	USB 2.0 Rear x2	USB 2.0 Front x2, Rear x2
	Communication Port	RS232 (DB9) x1 - Rear I/O ; RS232 (Header) x1 - Onboard I/O	
Power	Power Voltage	100~240 Vac, 50-60 Hz	
	Redundancy Power Supply	Support Redundancy Power	
	Power Consumption	575W	485W
Environment	Operation Temperature	5°C ~ 35°C (41°F ~ 95°F)	
	Storage Temperature	-40°C ~ 70°C (-40°F ~ 158°F)	
	Operation Humidity	8% ~ 90% (N/An-condensing)	
	Storage Humidity	5% ~ 95% (N/An-condensing)	
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Appearance	Dimensions	437(W)x178(H)x660(D)mm	437(W)x132(H)x648(D)mm
Appearance		437(W)x178(H)x660(D)mm 34 Kg	437(W)x132(H)x648(D)mm 32.7 Kg
Appearance	Dimensions		32.7 Kg
Appearance Expansion	Dimensions Net Weight	34 Kg	

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*All specifications are subject to change without notice

Dimensions



Customer Services: