

WGD-9116AD/ WGD-9132AD

16CH/ 32CH H.265 Network Video Recorder

Technical Specification



Key Features

- ▶ Support 16CH & 32CH 8MP/ 5MP/ 4MP/ 3MP/ 1080P/ 960P/ 720P IP input.
- ▶ 4K output, true high resolution display
- ▶ Adopt standard H.265 high profile compression format to get high-quality video at much lower bit rate.
- ▶ Intuitive and user-friendly Graphic User Interface (GUI), Windows style operation by mouse
- ▶ Multi-mode recording: manual, Auto, Dynamic detection, Pre alarm trigger record mode, Schedule
- ▶ Dual stream technology for local storage with high definition, remote network transmission and remote surveillance with mobile device.
- ▶ Support 16 CH simultaneous playbacks.
- ▶ Support Powerful Smart phone & Pad surveillance with iOS and Android OS.
- ▶ Support P2P function for smart phone.
- ▶ Support ONVIF Compatible.
- ▶ Backup way U disk, USB mobile HDD.
- ▶ 8 SATA + 2 E-SATA Interface (8TB max for each SATA can expand 64TB).
- ▶ Single and Multiscreen display.
- ▶ Support Zoom, Focus, Pan, Tilt, Preset and Tour for IP PTZ Camera.
- ▶ Remote control via IE or CMS: preview, playback, backup, PTZ and configuration.
- ▶ Support Watermark, Password protection for back up files.
- ▶ Support CMS 255CH
- ▶ Support megapixel HD network video preview Storage and playback.
- ▶ Auto search and connect IP Camera.
- ▶ Support ON/OFF switches and LED status.
- ▶ Support Multi-languages menu.
- ▶ Support search, playback and backup by event.
- ▶ Complete SDK function easy to integrate with other application.

Model	WGD-9116AD	WGD-9132AD
System		
Main Processor	Industrial Grade Embedded Micro Controller Chipset	
Operating System	Embedded LINUX Operating System	
Display		
Image Code Control	Image code quality adjustable, variable bit stream and constant bit stream optional	
Display Image Resolution	4K (3840×2160) P30/ 1080P (1920×1080) P60/ 1024P (1280×1024) P60/ 768P (1022×768) P60	
Video, Audio & Alarm Input		
Video Input	16CHx8MP/ 5MP/ 4MP/ 3MP/ 1080P/ 960P/ 720P	32CHx8MP/ 5MP/ 4MP/ 3MP/ 1080P/ 960P/ 720P
Audio Input	1CH RCA/ 16CH IP Audio 1CH RCA/ 32CH IP Audio	
Alarm Input	8CH	
Video, Audio & Alarm Output		
Video Output	1CH VGA (1080P) + 2CH HDMI (4K)	
Audio Output	1CH RCA Output	
Alarm Output	4CH	
Video & Audio Encode/Decode		
Recording Mode	Manual, Auto, Dynamic detection, Continuous, Pre alarm trigger record mode, Schedule	
Recording Resolution	25fps@8MP/ 5MP/ 4MP/ 3MP/ 1080P/ 960P/ 720P	
Recording Storage	Local HDD, Network	
Video Compression	H.264/ H.265/ MJPEG4	
Playback Mode	Time slice, Time, Event, Tag search, Camera Number	
Smart Search	Highlighted color to display the camera record in a certain period of time	
Playback Quality	16CHx1080P Playback Simultaneously	
Display Playback	Full Screen and Multi-screen	
Control playback	Play/ Pause/ Step/ Fast forward/ Rewind/ Fast Rewind	
Snapshot Mode	Manual Recording, Regular, Motion Recording, Alarm Recording, Events Recording	
Video Frame Rate	NTSC : 1 ~ 30fps; PAL : 1 ~ 25fps	
Video Bitrate	32Kbps ~ 10Mbps	
Bitrate Type	Constant Bit Rate (CBR), Variable Bit Rate (VBR)	
Video Quality	Poor, Normal, Good, Better, Best	
Audio Compression	G711A 1CH RCA Port Two-Way	
Dual-Stream	Each channel can set main stream and sub stream can setup 192(16×12)PCS motion detection area each channel and multi-level sensitivity (1-6 levels adjustable)	
Motion Detection		
Storage & Backup		
HDD Port	8xSATA Interface	
HDD Capacity	8TB Max for each SATA Can expand to 64TB	
RAID Mode	Raid0, Raid1, Raid5, Raid6, Raid10	
Backup	Support U disk, USB mobile HDD, USB DVD-RW, Web Browser, Network storage and CMS	
External Port		
E-SATA Port	2xE-SATA Port	
Ethernet Port	2xRJ45 10M/100M/1000M Self-Adaptive Eth Port	
RS485 Port	2xRS485 Connect to PTZ and Keyboard	
USB Port	USB2.0x2 (Fear panel), USB3.0x1 (Rear panel)	
General		
Network Protocol	IPV4, IPV6, HTTP, HTTPS, TCP/IP, UDP, UPNP, SADP, SNMP, RTSP, NTP, DHCP, SNTP, NFS, ISCSI, IP Filter, SMTP, PPPoE, DDNS, DNS, Telnet, IP Search	
User Access	Multi user online	
User Management	Add, Delete, Modify, Permission users	
Power Supply	ATX 110 ~ 240V 250W 50-60Hz	
Power Consumption	≤30W (Without HDD)	
Working Temperature	-10°C ~ +50°C	
Working Humidity	10% ~ 90%	
Dimension (W x D x H)	Equipment: 430mm × 453mm × 89mm Packing: 539mm × 550mm × 225mm	
Weight	N.W.: 7.4 kg; With Package: 9.8Kg	