

WGD-9116AC/ WGD-9132AC

16CH/ 32CH H.264 Network Video Recorder

Technical Specification



Key Features

- ▶ 16CH /32CH 1920x1080P or 3MP or 5MP Video Recording.
- ▶ Support megapixel HD network video preview, Storage and playback.
- ▶ All Channels synchronous real time preview.
- ▶ Click any area and zoom in or zoom out on the Image by mouse.
- ▶ Support digital zooming under preview and Playback modes.
- ▶ HDMI/VGA simultaneous video output.
- ▶ Support 8 SATA HDD up to 32TB, USB2.0, 3.0.
- ▶ ONVIF Version 2.3 conformance.
- ▶ Support search, playback and by event.
- ▶ Plug and Play, one key online.
- ▶ CMS centralized network management software, 255CH.
- ▶ P2P Cloud Monitoring (Browser/iOS/Android).
- ▶ Multiple Web Browser supported: IE browser/Mozilla Firefox/Google Chrome/Apple Safari.
- ▶ Up to 2.0MP Resolution (1080P) Recording.
- ▶ Compatible with Private and ONVIF Cameras.
- ▶ Complete SDK function easy to integrate with Other application.

Model	WGD-9116AC	WGD-9132AC
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	1920P(2560x1920)@30fps/1536P(2048x1536)@30fps 1080P(1920x1080)@30fps/960P(1280x960)@30fps 720P(1280x720)@30fps/D1(720x576)@30fps (1920x1080)@240fps	
Video, Audio & Alarm Input		
Video Input	16CH	32CH
Audio Input	16CH IPC Composite Audio	32CH IPC Composite Audio
Alarm Input	16CH Alarm Input	32CH Alarm Input
Video, Audio & Alarm Output		
Video Output	1 HDMI, 1 VGA, 1920x1080, 1440x900, 1280x1024, 1280x720, 1024x768	
Audio Output	1 CH (Support Two-Way Audio)	
Alarm Output	4CH Alarm Output	
Video & Audio Encode/Decode		
Video compression	H.264/MPEG-4/MJPEG	
Recording Mode	Manual, Motion Detection, Time, Alarm, Event, Schedule	
Recording Storage	Local HDD, Network	
Playback Mode	Smart Search, Calendar, Motion Detection Recording, Time Recording, Alarm Recording, Event Recording, Schedule Recording	
Resolution	4CH 3MP Max.	
Synchronous	4CH 1920x1080P or 4CH 3MP or 16CHx720P	
Video Frame Rate	NTSC : 1 ~ 30fps; PAL : 1 ~ 25fps	
Video Encode Rate	256kps/384kpbs/512kpbs/640kpbs/768kpbs/1M/1.5M/2M/2.5M/3M/5M	
Audio Compression	G.726 (ADPCM) 32Kbps Two-Way 1CH	
Dual-Stream	Each channel can set main stream and sub stream	
Motion Detection	can setup 192(16x12)pcs motion detection area each channel and multi-level sensitivity (1-6 levels adjustable)	
Privacy Masking	Depends on IPC	
Trigger Events	Record, Tour, PTZ, Alarm, FTP, Buzzer & Screen	
Remote Operation	Monitoring, PTZ Control, Playback, System Setting, File Download, Log Information	
Storage & Backup		
HDD Port	Support 8pcs SATA HDD inside	
HDD Management	Hard disk hibernation technology, HDD faulty alarm, HDD Recovery / Partition / Redundancy	
Backup Mode	USB, HDD, Network Backup (AVI / DAV Format)	
External Port		
E-SATA Port	1 E-SATA Port	
Ethernet Port	1xRJ45 10M/100M/1000M Self-Adaptive Eth Port	
RS485 Port	Standard 485 port, Support half-duplex, Green terminal port	
RS232 Port	Yes	
USB Port	USB2.0x3, USB3.0x1	
General		
Support Protocol	ONVIF 2.3	
Basic Function	Live monitoring, Recording, Playback, Backup & Remote Access	
Network Function	IPv4, IPv6, HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, DHCP, PPPoE, DDNS, SNTP, NTP, FTP, P2P, IP Filter, Alarm Server, IP Search	
Power Supply	Built-in AC110 ~ 250V 50Hz-60Hz	
Power Consumption	≤15W (Without HDD)	
Working Temperature	-10°C ~ +60°C	
Working Humidity	10% ~ 90% RH	
Dimension	430mm(L)x350mm(W)x70mm(H)	
Weight	3.2KG (Without HDD)	