

WGD-9136AD/ WGD-9164AD

36/64CH 4K H.265 Network Video Recorder

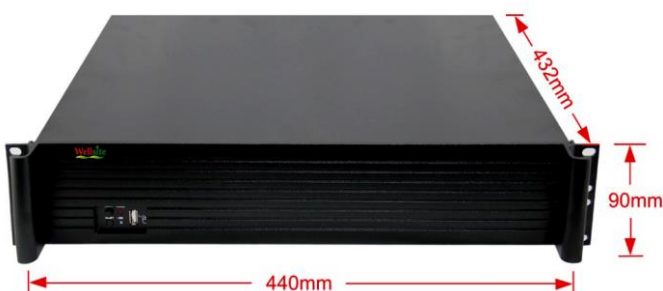
Technical Specification



Key Features

- ▶ Up to 36/64CH 2Megapixels Resolution (1080P) Recording.
- ▶ Video Compression H.264, H.265.
- ▶ Support Pre recording 5s, Post recording 255s
- ▶ Support International ONVIF Protocol, Support High profile S, High profile G, can conform to The app ONVIF, RTSP standard and the IPC of many mainstream manufacturers.
- ▶ Support iPhone, Android, Symbian, Windows Mobile and BlackBerry App.
- ▶ Backup way U disk, USB mobile HDD.
- ▶ 9 SATA +1 E-SATA Interface (8TB max for each SATA can expand 72TB).
- ▶ Single and Multiscreen display.
- ▶ Support Zoom, Focus, Pan, Tilt, Preset and Tour for IP PTZ Camera.
- ▶ Support Remote view and PTZ by smart phone.
- ▶ Support VMS 255CH
- ▶ Support megapixel HD network video preview Storage and playback.
- ▶ Adopt HDD sequence writing method and the Data is written from 0 track which increase 2.5X Lifetime of the HDD.
- ▶ Support ON/OFF, Reset switch and LED status.
- ▶ Support Multi-languages menu.
- ▶ Support search, playback and backup by event.

Dimensions



Model	WGD-9136AD	WGD-9164AD
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	
Video, Audio & Alarm Input		
Video Input	36×(3840×2150) 4K 36×(2592×1944) 5MP 36×(1920×1080) 2MP	64×(3840×2150) 4K 64×(2592×1944) 5MP 64×(1920×1080) 2MP
Audio Input	1CH RCA/ 36 CH IP Audio	
Alarm Input	4CH	
Video, Audio & Alarm Output		
Video Output	1CH VGA + 1CH HDMI	
Audio Output	1CH RCA Output	
Alarm Output	4CH	
Video & Audio Encode/Decode		
Recording Mode	Support manual, Auto, Dynamic detection, Pre alarm trigger record mode, Schedule	
Recording Storage	Local HDD, Network	
Video Compression	H.264/ H.265	
Playback Mode	Time/Date , Event, VMD , Camera Number	
Playback Quality	Any 4CHx4K Playback/ 9CHx5MP Playback/ 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	16 ~ 16000kbps	
Bitrate Type	Constant Bit Rate (CBR), Variable Bit Rate (VBR)	
Video Quality	Poor, Normal, Good, Better, Best	
Video Standard	1080P(1920×1080)@30fps/ XWGA(1280×1024)/ 960P(1280×960)@30fps/ 720P(1280×720)30fps	
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	9SATA + 1E-SATA Interface	
HDD Capacity	8TB Max for each SATA Can expand to 72TB	
RAID Mode	Raid0, Raid1, Raid5, Raid6, Raid10	
Backup	Support U disk, USB mobile HDD, USB DVD-RW, Web Browser, Network storage and VMS	
External Port		
E-SATA Port	1 E-SATA Port	
Ethernet Port	2xRJ45 10M/100M/1000M Self-Adaptive Eth Port	
RS485 Port	Full duplex standard 485 port	
USB Port	USB2.0x2, USB3.0x1	
General		
Network Protocol	IPv4, IPV6, HTTP, TCP/IP, UPNP, SADP, UDP, SNMP, RTSP, NTP, DHCP, SNTP, NFS, ISCSI, IP Filter, SMTP, PPPoE, DDNS, DNS, Telnet, IP Search	
Max. User Access	10 Users	
User Management	Add, Delete, Modify, Permission users	
Power Supply	AC 110 ~ 240V 300W 50-60Hz	
Power Consumption	≤35W (Without HDD)	
Working Temperature	-10°C ~ +55°C	
Working Humidity	10% ~ 90%	
Dimension	Equipment: 440mm×432mm×90mm Packing: 539mm×550mm×225mm	
Weight	N.W.: 7.4 kg; With Package: 9.8Kg	