

WGD-6116HB

16 Channel AHD/CVBS/TVI/CVI/IP H.264

Technical Specification



Key Features

- ▶ Compression algorithm upgraded to H.264 High Profile.
- ▶ Completely new graphics operating interface design.
- ▶ Support main stream and extra steam encode synchronously.
- ▶ Support super cloud service (this function is optional, specialized website for super cloud service).
- ▶ Built-in IE plugs, no need to install from CD disk independently.
- ▶ Support 3G & WIFI extension via USB port.
- ▶ Support multi-browser (IE, Firefox).
- ▶ Support mobile monitor (iPhone, Android).
- ▶ Support VGA and HDMI HD output at the same time.
- ▶ Multiplex operation: Preview, recording, playback, backup, network live, mobile phone View.
- ▶ Support many recording modes: Auto-continuing recording, timing recording, motion detection recording.
- ▶ Playback mode support normal play, speed play, fast back play, manual and single-frame play.
- ▶ Many backup devices: USB flash disk, USB portable HDD and network.
- ▶ Support alarm triggered recording will send alerts matter (some models support sending picture) to the designated email.
- ▶ Support pre-alarm recording (before 5 sec), not lose any suspicious screen.
- ▶ Support UTC functions also is called Coaxial Control function.

Model	WGD-6116HB
System Interface	
Main Processor	Industrial grade embedded micro controller chip Huawei HIS chipset Hi3531A x 2
Operating System	Embedded LINUX operating system
System Resources	Multi-channel real-time recording synchronously, multi-channel real-time playback, multi-channel multi-user network operation, USB back up.
Display	
Display Interface	16 bit real color GUI interface support mouse operation
Display Screen	(Take all analog input as an example, others are depended on the selected channel mode) 1/4/9/16screen
Display Language	English, Finnish, French, German, Greek, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Thai, Simplified, Chinese, Chinese-Traditional, Turkish, etc.
Video	
Video Compression	H.264 (High Profile), JPEG Snapshot
Video Input	16CHxVGA (1080P), 1CHxHDMI (4K)
Video Output	16CHxVGA (1080P), 1CHxHDMI (4K)
Encode Capability	16CHx5M@11fps(AHD)/ 16CHx4M@15fps(AHD)/ 16CHx3M@18fps(AHD)/ 16CHx1080P (5 in 1)
Decode Capability	8CHx5M@11fps(AHD)/ 8CHx4M@15fps(AHD)/ 8CHx3M@18fps(AHD)/ 8CHx1080P (5 in 1)
Multi-mode Video Input	DVR mode: 16CHx5M NVR mode: 32CHx1080P HVR mode :16CHx3M, 8CHx5M (IPC)
Video Systems	25fps (PAL), 30fps (NTSC)
Motion Detection	Each screen can be set to 192 (16x12) detection areas, multi-level sensitivity can be set (Limited local channel)
Audio	
Audio Compression	G.711A
Audio In/ Out	16CHxRCA/ 1CHxRCA
Record & Playback	
Record Mode	Manual, Motion detection, Timing, Alarm
Record Bitrate	768Kbps ~ 8Mbps
Playback Mode	Time, Date, Event, Channel search
Playback Quality	16CHx5M@20fps/ 16CHx4M
Local Playback	1-8CH playback synchronously; Under the mode of DVR, Max support 8CH AHD 1080P playback synchronously
Function Playback	Play, Pause, FF, FB, Digital zoom, etc.
Smart Search	Highlighted color to display the camera record in a certain period of time, different colors refers to different record events
Alarm	
Alarm Mode	Manual, Sensor, Motion, Exception
Alarm In/ Out	16CH Input/ 4CH Output
Triggering	Record, Snap, Preset, E-mail, etc.
Storage & Backup	
Storage Mode	HDD Storage, Network Storage
(SATA) HDD	4xSATA port (each max. support 8TB)
Backup Mode	Network, USB mobile HDD, USB Drive, SATA burner
Network	
Network Interface	1xRJ45 10M/100M self-adaptive Ethernet port
Network Protocol	TCP/IP, IPv4/IPv6, HTTP, PPPoE, FTP, DHCP, DNS, DDNS, ARSP, UPnP, NTP, SMTP, Email
Browser	Internet Explorer, Firefox
Smart Phone	iPhone, Android Phone
Port Interface	
RS485 Interface	1xRS485, Support multi kinds of PTZ Protocol
USB Interface	3xUSB 2.0
General	
Power Supply	DC 12V, 6000mA
PW. Consumption	20W ~ 25W (Not include HDD)
Working Temp.	-10°C ~ +50°C
Working Humidity	10% ~ 90%
Dimensions	430mm. x 366mm. x 77mm. (W x D x H)
Weight	≤5.74 Kg.