

VIEWGUARD 616 (16ch STAND-ALONE DVR)



Functions:

Video Function:

- Professional 16ch Hardware H.264 (MPEG4 Part10) DVR.
- Small file size from 32Kbit/s ~ 1152Kbit/s (Namely 0.16~ 5.76Kbyte/f). Max. 480fps Display and 480fps Record

Record Function:

- Multiplex operation, each channel can also simultaneously playback, preview, search, setup and network transmit while recording.
- Multi-record manners: manual record, time record, alarm record and motion detection record.
- Can adjust the frame rate from 1 to 30 frame (1-25PAL, 1-30NTSC)

Storage Function:

- Built-in 1-8 HDD
- Continuously storing with FAT32 format with no-disk-fraction.
- Storing new files with overlay circularly after hard disk is full. Support HDD sleeps function. These hard disks can work one by one in order to reduce the temperature in the casing.
- Various backup via USB, removable HDD and network.

Play Function:

- Triplex operation, simultaneously record, playback and preview.
- Quick playback: segmental play and period play.
- Playing mode: 4X? 8X? 24X speed playing, pause, 1/2X? 1/4X? 1/8X slow playing, single-frame playing.
- Search by time, event and channel.

Alarm Function:

- 8 Channel alarm input independently, make a defense and canceling it timely, which the alarm input is triggered by the outer alarm switching value.
- Support the alarm of video-lost, sensor, alarm-trigger, short circuit, etc in each channel, ensuring to alarm in time when someone deliberately break it.
- Support motion detection alarm and record in order to save the HDD capacity effectively; single image is divided into 11x9 blocks; multi-grade flexibility adjustable, conveniently and real no-person watching.
- Support pre-alarm and alarm record delay (59 minutes are selectable) to assure the integrity of alarm record information that is more integrated for evidence
- The screen of alarm record can be automatically popped up and transmit the video & information to the control center.

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Specifications

Operation system	RTOS (pSOS)
Operation GUI	OSD Menu
Multitask	Triplex (Simultaneously Record, playback and transfer)
Work temperature	0°C -55°C
Work humidity	< 80%RH
Case Dimension	435(L) x 91(W) x 490(D) mm
Packing Weight	13KG (exclude HDD)
Video	Compression format: H.264 (MPEG4 PART 10) Display frame speed: 400F/S (PAL) 480F/S (NTSC) Record frame speed: 400F/S (PAL) 480F/S (NTSC) (adjustable) Resolution: 720×576, 360×288 Input interface: 16ch BNC Vp-p=1.0V/75Ω Output interface: 1ch Analog RGB, and 1ch VGA Output bit rate: 32kbps — 1152kbps/ch
Audio	Compression format: G.722 Input interface: 16ch RCA Output interface: 1ch RCA Output bit rate: 8Kbps
Alarm	8ch input / 4ch output
Search mode	Motion detection, manual, time, sensor
Backup	Removable HDD, Build-in IDE interface, USB port, Client software
Serial Port	RS485 to connect P/T/Z Controller
Network interface	RJ-45, 10M/100M Ethernet interface
Storage	IDE interface, support max. 8 HDD Built-in 2 x 200GB HDD
Network transmission	PSTN, ISDN, ADSL, LAN, MAN, WAN, TCP/IP
Clock	Built-in CMOS Clock, perpetual calendar