

## DATA SHEET

# H.264 Professional Network DVR

Support Internet Explorer, Mozilla Firefox, Google Chrome & Safari



- H.264 hardware – based codec
- Triplex function (Simultaneously playback, record and remote viewer)
- Adjustable recording resolution (Half D1 or CIF) & frame rate (100ips or 200 ips)
- 1 Audio input and output
- Intelligent video content analytics VMD
- 16 Sensor input and 1 alarm output
- Support SATA HDD (2 Internal storage)
- IE viewer / RS232 / RS485 / USB Backup / VGA/ CMS support
- 3GPP & Smart Phone mobile surveillance (Include Apple Iphone & Black Berry)

DVR616 is based on the industry's most advanced H.264 compression codec and is also hardware-based. According to extensive laboratory and field testing, recorded data with identical image-quality based on H.264 codec is 4.5 times smaller than typical MPEG-4 codec, or 3 times smaller than so-called MPEG-4 ASP codec. Not to mention that our video technology is hardware embedded, thus recorded quality produced at substantially lower bit-rate is assured vis-à-vis those of PC-based DVR. All of these clearly evidenced that DVR616 is both efficient and stable for CPU in operation and reliable and compact for HDD in recording. DVR616 is triplex operation DVR. Simply connect it to the Internet, users can use the IE viewer to watch real-time events, or backup evidences remotely from anywhere in the world.

## TECHNICAL SPECIFICATION

MONITORING	
Video Input	Composite: 16 x BNC
Video Output	Composite (1 x CRT / 1 x SPOT), 1 x S-Video, 1 x VGA
Display Resolution	720 x 480 / 720 x 576
Display Rate	Real-Time 480 / 400 IPS in Total
Features	Multi Split, Sequencing (SEQ), Digital Zoom (2X)
RECORDING & PLAYBACK	
Compression	H.264 Hardware-Based Codec
Recording Resolution/ Rate (Adjustable)	720x240 or 720x288 up to 120 or 100 IPS 360x240 or 360x288 up to 240 or 200 IPS
Recording Quality	4 x Levels (High/ Best/ Normal/ Low)
Playback Rate	120 or 100 IPS on Half D1 Resolution 240 or 200 IPS on CIF Resolution
Recording Mode	Emergency (Manual), Scheduled (Round-the-Clock [RTC], Motion, Alarm)
Search Mode	Date/Time, Event (Motion, Alarm, Video Loss)
Features	Video Motion Detection (VMD), Privacy Recording
SYSTEM	
Languages	Multi-Language Support (English, Japanese, Chinese etc.)
Storage	2 x SATA HDD Slot
Data Export Media	1 x USB 2.0 Slot
HDD Management	Status, Format, Overwrite, Capacity Warning
Features	Firmware Upgrade (USB Flash Drive)
NETWORK	
Connection	1 x RJ-45 Ethernet
Protocols	PPPoE, Static IP, Dynamic IP, DDNS, DHCP, TCP/IP, SMTP, FTP
Remote Software	Management, Monitoring, Recording, Playback, PTZ, Event Search
Network Data Export	Backup, AVI
INTEGRATION	
Audio In/Out	1 x RCA In, 1 x RCA Out
Alarm In/Out	16 x In (NO / NC Switchable), 1 x Out (NO / NC)
PTZ Control Protocols	1 x RS-485 (Pelco D, Pelco P, etc)
User Interface	On Screen Display, Front Panel Buttons, IR Remote Control, USB Mouse
OTHER	
Dimensions (W x H x D)	280 x 260 x 80 mm
Unit Weight	1.8 kg (without HDD)
Operating Temperature	0 ~ 45°C
Operating Humidity	0 ~ 90%
Power	DC12V, 4.5A Adapter
Approvals	CE, FCC, RoHS, WEEE

Specifications are subject to change without prior notice.