

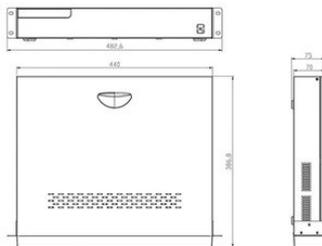


16 Channel H.264 NVR

- Local user interface on 3 video outputs, with independant multivision
- Digital Spot Function to stream the CVBS Spot monitor into network
- Hot Spare Mode - working as Failover Server for another GRN
- Multiplex (Live/Playback, Recording, Backup, Networking)
- Various recording features (Normal, schedule, motion, alarm)
- Controlled locally by USB mouse or remotely through Ethernet connection with CMS, Web page and Smartphone
- eSATA interface: add external Hard drive to increase record capacity
- Recorded files backup via USB device or eSATA device



DIMENSIONS (mm)



TECHNICAL SPECIFICATIONS

Operating System:	Embedded OS
IP Inputs:	16 channels
Video Outputs:	1x VGA, 1x HDMI, 1x BNC
Harddisk bay:	4 x SATA II
Max. Storage Capacity:	84 TB (4x4 TB SATA, 1x4TB eSATA and 8x8 TB NAS)
Video Compression:	H.264, MPEG4
Recording Resolution:	VGA (640x480), 4CIF (704x576), 720p (1280x720), 1.3MP (1280x960), UXGA (1600x1200), 1080p (1920x1080), QXGA (2048x1536), 5MP (2560x1920, 6MP (3072 x 2048)
Recording Bandwidth:	max. 200 Mbps
Outgoing Bandwidth:	max. 160 Mbps
Recording Mode:	Continuous, Event Alarm, Motion, Video Loss, Schedule
Display resolution:	Up to 1920x1080 (HDMI / VGA), 704x576 (BNC)
Display Speed:	5 Ch @ 1080p, 10 Ch @ 720p, 16 Ch @ 4CIF
Playback:	Synchronised playback of max. 16 cameras
Search Mode:	Date/Time, Event Alarm, Motion, Search Backup
External Backup:	USB HDD, USB Memory, USB External, DVD-ROM, Network
Motion Detection:	On/ Off/ Area Setting
Event Source:	Motion, Alarm, Video Loss, System
Event Action:	Pop-Up, Relay, E-Mail, Buzzer, PTZ Preset
PTZ Control:	Pan/Tilt/Zoom, Camera OSD, Preset set/call
Audio Inputs:	16 channels (over IP), 1 channel (BNC, 2.0Vp-p, 1KOhms)
Audio Outputs:	2 Channels (BNC, 600 Ohms)
Control:	Mouse (USB), WEB browser or client software
Audio Compression:	G.711
Alarm Inputs:	16 contact input N/O or N/C
Alarm Outputs:	4 Relay
ONVIF compliant:	Profile S, Profile G
Network Interface:	1x 10/100/1000 Base T/TX (RJ-45)
Remote Connections:	Up to 128 (depending on available outgoing bandwidth)
Network Protocol:	IPv4, IPv6, TCP/IP, UDP, RTP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, iSCSI
Multiplex Function:	Triplex
Client software:	Windows® (XP, Vista, 7), Web Viewer: IE®, Firefox®, Safari®, Chrome®; Mobile: iPhone®, Android®
Serial Interface(s):	1x RS232, 2x RS485, 3x USB, 1x eSATA
Chassis:	19-inch rack-mounted, 1.5U
Operating Temperature:	-10°C ~ +55°C
Operating Humidity:	10% ~ 90%, non-condensing
Supply Voltage:	100 ~ 240 Vac, 50/60Hz
Dimensions [W x H x D]:	440 x 390 x 70 mm - 17.32 x 15.35 x 2.76 In:
Power Consumption [W]:	40 (no HDD)
Weight:	4 kg - 8.82 lbs