

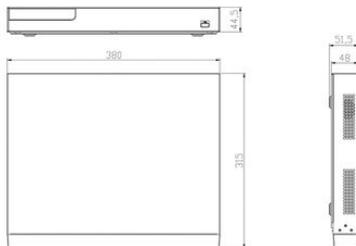


**16 Channel H.264 NVR with PoE switch**

- Built in 8 Ch. PoE Switch for direct IP camera connection
- 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
- Video recording with NAS System and Local HDD
- Recorded files backup via USB device
- ONVIF protocol support
- SDK for Windows and Linux system



**DIMENSIONS (mm)**



TECHNICAL SPECIFICATIONS

Operating System:	Embedded OS
IP Inputs:	16 channels
Video Outputs:	1x VGA, 1x HDMI
Harddisk bay:	2 x SATA II
Max. Storage Capacity:	72 TB (2x4 TB SATA and 8x8 TB NAS)
Video Compression:	H.264
Recording Resolution:	VGA (640x480), 4CIF (704x576), 720p (1280x720), 1.3MP (1280x960), UXGA (1600x1200), 1080p (1920x1080), QXGA (2048x1536), 5MP (2560x1920)
Recording Bandwidth:	max. 160 Mbps
Outgoing Bandwidth:	maks. 80 Mbps
Recording Mode:	Continuous, Event Alarm, Motion, Video Loss, Schedule
Display resolution:	Up to 1920x1080 (HDMI / VGA)
Display Speed:	6 Ch @ 1080p, 12 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, 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:	1 CH, RCA, 16 CH over IP
Audio Outputs:	1 CH, RCA
Audio Compression:	G.711
Alarm Inputs:	4 contact input N/O or N/C
Alarm Outputs:	1 Relay
Network Interface:	8x 10/100 Base T/TX PoE (RJ-45) + 1x 10/100/1000 Base T/TX (RJ-45)
PoE Budget:	120 W, 15 W per Port
Remote Connections:	Up to 128 (depending on available outgoing bandwidth)
ONVIF compliant:	Profile S, Profile G
Network Protocol:	IPv4, IPv6, TCP/IP, UDP, RTP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, iSCSI
Multiplex Function:	Triplex
Serial Interface(s):	1x RS-485, 1x USB 2.0, 1x USB 3.0
Client software:	Windows® (XP, Vista, 7), Web Viewer: IE®, Firefox®, Safari®, Chrome®; Mobile: iPhone®, Android®
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):	380 x 48 x 290 mm - 14.96 x 1.89 x 11.42 In:
Power Consumption (W):	10 (no HDD)
Weight:	1 kg - 2.2 lbs