TOMURA™

PS-5816NI-IV

16CH 5MP Full Real-time with Intellegence Video Analytics Network Video Recorder

HD NETWORK VIDEO RECORDER

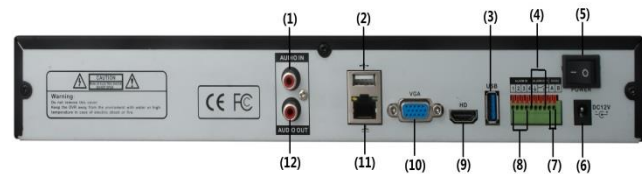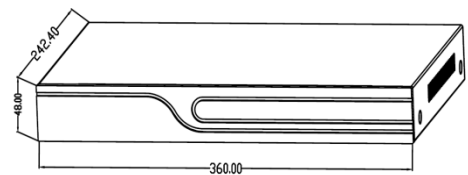H.264 VIDEO COMPRESSION | e IE | HDMI | PHONE

UL | ISO 9000 | FC | CE | MA | RoHS

◆Max 16CH 5MP full real-time video access, 1U NVR case

◆H.264 dual-stream decoding, embedded linux operation system

◆Support sync video recording, remote monitoring, backup

◆VGA/HDMI sync output, support 1080P HD preview

◆Support 12 times electronic zoom preview and palyback video image

◆Standard ONVIF, RTSP, GB28181 protocol

◆Support alarm snapshot, email sending

◆Support DDNS, EMAIL, UPNP, NTP, P2P

◆Support WEB, mobile viewer, Client, CMS monitoring

◆Support external alarm, bidirectional talk functions

◆Support SMART IPC target counting、 materials detection、 region detection、 virtual cordon、 voice alarm、 license plate black and white list、 vehicle detection、 face detection、 fire detection、 videognosis and so on

◆Support grouping disk quota、 and disk disk group two storage pattern， can allocate different video to save capacity or cycle for different channel

◆Support IPC centralized management, including IPC parameter configuration, information import&export, information real-time acquiring and upgrading function

◆Support channel grouping， preview round tour

◆Support NVR local、 IPC front-end intelligent analysis(Target counting, object detection, area detection, virtual cardon, scene change)

◆Support network detection（network traffic monitoring、 network libpcap, network unobstructed）function

◆Support max 16CH synchronous playback and multi-channel synchronous run backward

BACKBOARD

(1) (2) (3) (4) (5)
(12) (11) (10) (9) (8) (7) (6)

DIMENSION

242.40
48.00
360.00

INTERFACE

1. Audio input	8. RS485
2. USB 2.0	9. HDMI Video Output
3. USB 3.0	10. VGA Video Output
4. Alarm Output	11. RJ45 network interface
5. Power Switch	12. Audio output
6. DC12V	
7. Alarm Input	

SPECIFICATION

Model	PS-5825NI-IVA
Param	16CH 5MP Full Real-time Network Video Recorder
VIDEO	
Video input	Max support 16CH 5MP network video input
Network video input band width	80Mbps
Video compression	H.264 /MJPEG
Video output	VGA/HDMI sync output ,1920×1080@60HZ,1280×1024@60HZ
Video bit rate	16-8000Kbps
Video resolution	5MP/3MP/1080p/960p/720p/D1/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Image display	1/4/6/8/9/16 image display
Snapshot	Support timing snapshot, manual snapshots, JPEG format
Motion detection	396(22*18) surveyed area can be set in every screen and multi-sensitivity
AUDIO	
Audio compression	G.711A
Audio input	IPC complex audio input
Audio output	1CH, RCA port
Bidirectional talk input	Bidirectional talk, RCA port
VIDEO RECORDING AND PLAYBACK	
Video frame rate	1-30fps
Record mode	Manual/external alarm/MD/timing/intelligent analysis alarm
Sync playback	Support 1CH 5MP/3MP/4CH 1080P/9/16CH sub stream video sync playback
Playback mode	Normal/real-time/event/external file
Search method	Time, calendar, event, channel
Video playback	Start, stop, normal play, back play, forward 30 seconds, backward 30 seconds, fast, play, slow play,single frame play, display the hidden progress bar, backup, snapshot, full screen, roller amplification time ball precise playback
STORAGE AND BACKUP	
Interface	2 SATA
HDD capacity	Single max.6TB
Backup location	Local,network,NAS,IPSAN
Backup method	USB mobile hard disk, U disk, network backup, USB record
FUNCTION	
Network protocol	TCP/IP, HTTP, DDNS, SMTP(SSL), DHCP, PPPOE, UPNP, NTP, SNMP , P2P, ONVIF
Interface protocol	Onvif, RTSP, GB28181
Mobile surveillance	Support Apple, Android
Internet explorer	Support IE, Chrome, Firefox, Safari
Intelligent detection	Target counting, materials detection, region detection, virtual cordon, scene change, motion detection, video loss, video privacy, alarm privacy
Other	Support dual password authentication, zero channel
EXT INTERFACE	
Network interface	1 RJ45 10M/100M/1000M adaptive Ethernet port
RJ45 power supply	/
Alarm input	4CH
Alarm output	1CH
RS-485	Support
USB port	2, USB2.0, 1, USB3.0
GENERAL	
Operation temperature/ humidity	DC12V/4A
Power supply	<10W (Without HDD)
Power consumption	-10°C ~ 55°C/10﹪ -90﹪
Dimension(mm)	360(H)*242.4(W)*48(H) mm
Weight/PCS(g)	2Kg
Certificated	ISO9001 , CE