

H.265

NVR5-XP30016

16 CHANNELS IP,
H.265, 4K, ONVIF 2.4

Technical Specifications

System

Main Processor	ARM Cortex A7 Quad-core Processor
Operating System	Embedded Linux

Video

Input	16CH (4096×2160, 2592×1944, 2048×1536, 1920×1080, 1280×960, 1280×720)
Output	1 VGA, 1 HDMI

Audio

Input	1 Port RCA
Output	1 Port RCA(Linear, 1kΩ)
Audio Bit Rate	64kbps
Audio Compression standard	G.711

Alarm

Sensor Input	NO
Output	NO
Motion Detection Trigger Events	16 Channel, MD Zones: 396 (22 × 18) Recording, Email, FTP, Snapshot, Buzzer and Screen Tips, alarm output

Display

HDMI1	Resolution:4K (3840 × 2160)/30Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2	/
VGA	Resolution:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Display Split	9CHx1/4CHx1/1CHx1080P/ 1CHx3MP/1CHx4MP/1CHx5MP/1CHx4k
Digital Zoom OSD	YES Camera Title, Time, Video Loss, Recording, Motion Detection

Main Features

- Third-party Network Cameras Supported
- Up to 16MP Resolution Recording and Playback
- HDMI and VGA Output, HDMI up to 4K (3840*2160)
- Support H.265/H.264 Video Format
- Support 1 SATA up to 6TB Capacity

ONVIF
2.4FULL HD
VIDEOVIA BROWSER
ACCESSMOTION
DETECTIONH.265
COMPRESSIONH.264
COMPRESSIONFREE RTSP
SDKHTTP
ACCESS

4K VIDEO



P2P

Recording

Video Compression	H.264/H.265
Resolution	4k(4096×2160),5MP(2592×1944), 4MP(2688×1520),3MP(2048×1536), 1080P(1920×1080),960P(1280×960),720P(1280×720),D1 (720×576/720×480)
Record Rate	PAL :4k@4×25fp,5MP@4×25fp, 4MP@4×25fp,3MP@4×25fp, 1080P@4×25fp, 960P@4×25fp, 720P@4×25fp, D1@4×25fp NTSC: 4k@4×30fp,5MP@4×30fp, 4MP@4×30fp,3MP@4×30fp,1080P@4×30fp, 960P@4×30fp, 720P@4×30fp, D1@4×30fp
Record Mode	Manual\Timer\Motion Detection

Playback & Backup

Local Sync Playback	1CH 4K@30fps, 1CH 5MP@30fps, 2CH 4MP@30fps, 3CH 3M@30fps, 4CH 1080P@30fps, 4CH 960P@30fps, 4CH 720P@30fps
Decode Capability	1CH 4K(3840×2160)@30fps
Search Mode	ALL, Channel, Manual, Time, Date, Motion Detection
Remote Sync Playback	YES
Playback Functions	Play, Pause, Stop, Rewind, Fast Play, Slow Play, Digital Zoom
Backup Mode	USB Device/Network

Technical Specifications

Network

Interface	1 RJ45 10M/100M Adaptive Ethernet Interface
Incoming Bandwidth	80MB
Network Functions	HTTP, TCP/IP, IPv4, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, DDNS, FTP, Alarm Server, IP Search, P2P
Onvif Version	Support Onvif 2.4
Web Browser	IE6-11, Google Chrome (IE Tab), Firefox (IE Tab)
CMS Software	Support Windows 7/ Windows 8/ Windows 10
Cloud Support(P2P)	Yes
Smart Phone	iPhone, iPad, Android, Android Pad
POE	/
WIFI	/

Storage

Interface Type	1 SATA Interface
Capacity	Up to 6TB capacity
eSATA	/

General

Language	Chinese, English, Polish, Czech, Russian, Thai, Hebrew, Arabic, Bulgarian, Farisa German, French, Portuguese, Turkic, Spanish, Italian, Hungarian, Romanian, Korean, Dutch, Greek
USB Interface	2 USB 2.0 Interfaces
RS485	/
Power Supply	DC12V/2A
Working temperature	-10~55°/10~90%
Dimension(W×D×H)	260*215*43(mm)
Weight	2.0KG (without HDD)

Package content

- 1 NVR5-XP3016
- Installation manual and CD