

# HILONVR-P801620A

H.265+, 16ch Pro Network Video Recorder



H.265+

8.0MP

ONVIF

2xHDD

MOBILE  
ACCESS

HDMI

## Key Features

- Supports decoding H.265+ / H.265 / H.264 video formats
- 16 channels with recording resolution up to 4K
- Recording bandwidth up to 320Mbps
- 2 SATA HDDs, up to 8TB each
- Simultaneous HDMI & VGA up to 4K output
- eSATA
- Alarm Input output: 16ch in / 1ch out

## SPECIFICATIONS

### SYSTEM

Main Processor	Hisilicon
Operating System	Linux (embedded)

### DISPLAY

Interface	1 HDMI (up to 4K), 1 VGA
Resolution	1024x768, 1280x720, 1280x1024, 1440x900, 1920x1080, 2560x1440, 3840x2160
Decoding Capacity	4K: 4ch realtime
Multi-screen Display	1/4/6/8/9/10/13/14/16

### ENCODING

Video Compression	H.265+ / H.265 / H.264
Resolution	8MP, 5MP, 3MP, 2MP (1080P), 1.3MP (960P), 1.0MP (720P)
Record Rate	4K: 4ch realtime 4MP: 8ch realtime 3MP: 10ch realtime 2MP: 16ch realtime
Bit Rate	Max 320Mbps
Record Mode	Continuous / Manual / Motion detection
Post-record	30S / 1Min / 2Min / 5Min

### VIDEO & AUDIO INPUT

IP Camera Input	16ch, up to 4K resolution
Two-way Talk	No

### VIDEO DETECTION & ALARM

Trigger Events	Yes
Video Detection	Yes
Alarm In/Out	16ch in / 1ch out

### PLAYBACK & BACKUP

Sync Playback	16ch
Search Mode	Normal, motion detection, Input/Output, manual search, Passive Infrared Sensor, Perimeter Intrusion / Line Crossing / Stationary Object / Pedestrian / Face Detection, Cross Counting, Sound, Video Tampering Face, Human&Vehicle, Repeat visitor, Face Attendance
Playback Function	4K: 4ch realtime 4MP: 8ch realtime 3MP: 10ch realtime 2MP: 16ch realtime
Backup Mode	.RF/.AVI/.MP4

### NETWORK

Interface	1, RJ-45 100/1000Mbps self-adaptive Ethernet interface
PoE Interface & Power Function	RJ-45 port (1000M) Liveview, record, research, motion detection, backup, AI, Alarm
Max. Users	7
Smartphone	Supports Android and iOS systems
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, HTTPS, FTP
Interoperability	ONVIF (Profile S, Profile G)

### STORAGE

Internal HDD & Capacity	2 SATA HDDs
Capacity	Up to 8TB each
eSATA	Yes

### INTERFACE

USB	1x3.0 USB for backup/upgrade, 2x 2.0 USB for mouse
RS232	No
RS485	Yes
Audio I/O	16ch in / 1ch out

### GENERAL

Power Supply	DC12V
Power Consumption (excluding HDD)	6W
Working Temperature	-10°C ~55°C
Operating Conditions	Dry and suitable condition
Certifications	CE, FCC, RoHS
Dimensions	378 x 317.4 x 48mm
Net Weight	1.8kgs

## DIMENSIONS

