

## **AVR-16P16S**

### **16ch 1.5U 16 PoE Network Video Recorder**

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- Up to 16 IP camera connection
- H.264/MJPEG dual codec decoding
- Max 160Mbps incoming bandwidth
- HDMI/VGA simultaneous video output
- 16 channel synchronous realtime preview, GRID interface
- ONVIF Version 2.0 conformance
- Support 4 SATA HDDs up to 16TB, 1 eSATA up to 16TB, 3 USB 2.0
- Support IPC UPnP, 16 PoE ports
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS, Hybrid NDVR,CMS Client

#### Specifications

##### **System**

Main Processor: Dual-core embedded processor  
Operating System: Embedded LINUX

##### **Video & Audio**

IP Camera Input: 16 channel  
Two-way Talk: 1 channel Input, 1 channel Output, BNC

##### **Display**

Interface: 1 HDMI, 1 VGA, 1TV  
Resolution: 1920×1080, 1280×1024, 1280×720, 1024×768  
Display Split: 1/4/8/9/16  
OSD: Camera title, Time, Video loss, Camera lock, Motion detection, Recording

##### **Recording**

Compression: H.264/MJPEG

Resolution: 5MP(2560×1920) / 3MP(2048×1536) / 1080P(1920×1080) / 720P(1280×720) / D1 (704×576/704×480) & etc

Record Rate: 128Mbps

Bit Rate: 48~ 8192kbps

Record Mode: Manual, Schedule(Regular(Continuous), MD, Alarm), Stop

Record Interval: 1~120 min (default: 60 min), Pre-record: 1~30 sec,

Post-record: 10~300 sec

### **Video Detection & Alarm**

Trigger Events: Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Buzzer & Screen tips

Video Detection: Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank

Alarm Input: 16 channel

Relay Output: 6 channel

### **Playback & Backup**

Sync Playback: 1/4/9/16

Search Mode: Time/Date, Alarm, MD & Exact search (accurate to second), Smart search

Playback Function: Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom

Backup Mode: USB Device/eSATA Device/Internal SATA burner/Network

### **Network**

Ethernet: 1 RJ-45 port (10/100/1000Mbps Adaptive)

PoE: 16 ports (IEEE802.3af)

Network Function: HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.)

Max. User Access: 20 users

Smart Phone: iPhone, iPad, Android, Windows Phone

### **Storage**

Internal HDD: 4 SATA ports (4HDDs or 3HDDs+1CD/DVD-RW), up to 16TB

External HDD: 1 eSATA port up to 16TB

### **Auxiliary Interface**

USB: 3 ports (2 Rear), USB2.0

RS232: 1 port, For PC communication & Keyboard

RS485: 1 port, For PTZ control

## General

Power Supply: AC 100V~240V, 50/60 Hz

Power Consumption: NVR: 40W (without HDD)

PoE: Max 15W (each)

Working Environment: -10°C~+55°C / 10%~90%RH / 86~106kpa

Dimension(W×D×H): 1.5U, 440mm × 460mm × 68mm

Weight: 5KG (without HDD)

\*Above specifications and design subject to change without notification

## Application

