

# AVR-16P

## 16 Channel NVR

4 POE Ports, HDMI Output, 1080P Recording Resolution, supports 2 HDDs



Up to 16 channel with 1080P realtime live view

H.264/MJPEG dual codec decoding

Max 120fps@1080p, 240fps@720p, 480fps@D1 preview & recording

HDMI / VGA simultaneous video output

All channel synchronous realtime playback, GRID interface

Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotech and etc.

ONVIF Version 2.0 conformance

3D intelligent positioning with Dahua PTZ camera

Support 2 SATA HDDs up to 8TB, 2 USB2.0

Support IPC UPnP, 4 PoE ports

Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

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## Specification

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### System

Main Processor: High performance Dual-core embedded microprocessor

Operating System: Embedded LINUX

### Video

IP Camera Input: 16 channel

Two-way Talk: 1 channel Input, 1 channel Output, BNC

### Display

Interface: 1 HDMI, 1 VGA

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: 1080P(1920×1080) / 720P(1280×720) / D1 (704×576/704×480)

Record Rate: 400/480fps@D1, 200/240fps@720P, 100/120fps@1080P

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: 3 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 / Network

### Network

Ethernet: RJ-45 port (10/100M/1000M)

Network Function: HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search(only support certain models)

Max. User Access: 20 users

Smart Phone: iPhone, iPad, Android, Windows Phone

### Storage

Internal HDD: 2 SATA ports (2HDDs or 1HDDs+1CD-RW), up to 8TB

### Auxiliary Interface

USB: 2 ports (1 Rear), USB2.0

RS232: 1 port, For PC communication & Keyboard

RS485: 1 port, For PTZ control

### General

Power Supply:: NVR: DC12V

PoE Switch: DC48V

Power Consumption:: NVR: 20W(without HDD)

PoE Port: Max.15 (each)

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

Dimension(W×D×H): 1U, 375mm × 285mm × 50mm

Weight: 2.3KG(without HDD)

\*Above specifications and design subject to change without notification

### Application

