

## Network Video Recorder

Smart H.265+/H.265/Smart H.264+/H.264/MJPEG

Max 320Mbps Incoming Bandwidth

Up to 12MP Resolution for Preview and Playback

2HDMI/2VGA simultaneous video output

1-8 PoE Ports Support 800m ePoE & EoC

## System

Main Processor Quad-core embedded processor

Operating System Embedded LINUX

## Audio and Video

IP Camera Input 16 Channel

Two-way Talk 1 Channel Input, 2 Channel Output, RCA

## Display

Interface 2 HDMI, 2 VGA

Resolution HDMI1: 3840 × 2160 , 1920 × 1080 , 1280 × 1024,1280 × 720 , 1024 × 768

VGA1: 1920 × 1080 , 1280 × 1024,1280 × 720 , 1024 × 768

HDMI2/VGA2: 1920 × 1080

Decoding Capability 4-ch@8MP(30fps), 16-ch@1080P(30fps)

## Multi-screen Display

1st Screen: 16CH: 1/4/8/9/16

2nd Screen: 1/4/8/9/16

OSD Camera title, Time, Camera lock, Motion detection, Recording

#### Recording

Compression Smart H.265+/H.265/Smart H.264+/H.264/MJPEG

Resolution 12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 1.3MP, 720P, D1 etc.

Bit Rate 16Kbps ~ 20Mbps Per Channel

Record Mode Manual, Schedule (Regular, MD(Motion Detection) , Alarm, IVS), Stop

Record Interval 1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec

#### Video Detection and Alarm

Trigger Events Recording, PTZ, Tour, Alarm Out, Video Push, Email, Snapshot, Buzzer and Screen Tips

Video Detection Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Tampering

Alarm input 16 Channel

Relay Output 6 Channel

#### Playback and Backup

Sync Playback 1/4/9/16

Search Mode Time /Date, Alarm, MD and Exact Search (accurate to second)

Playback Function Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Backup Selection, Digital Zoom

Backup Mode USB Device/Network/eSATA Device

#### Third-party Support

Third-party Support Arecont Vision, Airlive, AXIS, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony, Watchnet and more

#### Network

Interface 1 RJ-45 Ports (10/100/1000Mbps)

PoE 16 ports (IEEE802.3af/at)

1-8 ports support ePoE & EoC

Network Function HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, SNMP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search (Support Dahua IP camera, DVR, NVS, etc.), P2P

Max. User Access 128 users

Smart Phone iPhone, iPad, Android

Interoperability ONVIF 2.4, SDK, CGI

#### Storage

Internal HDD 4 SATA III Ports, Up to 10 TB capacity for each HDD

eSATA 1 eSATA

#### Auxiliary Interface

USB 3 USB Ports (2 Rear USB 3.0, 1 Front USB 2.0)

RS232 1 Port, for PC Communication and Keyboard

RS485 1 Port, for PTZ Control

#### Electrical

Power Supply Single, AC100V ~ 240V, 50 ~ 60 Hz

Power Consumption NVR: <17.5W (Without HDD)

PoE: Max 25.5W for single port 150W total rated power, 80% control for protection

Fan Smart fan, automatically adjust running speed

#### Environmental

Operating Conditions -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa

Storage Conditions -20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH

## Construction

Dimensions 1.5U, 440mm x 411.2mm x 76mm ; (17.3" x 16.2" x 3.0")

Net Weight 4.65kg (10.3 lb) (without HDD)

Gross Weight 7kg (15.4 lb) (without HDD)

Installation Rack-mounted

## Certifications

CE EN55032, EN55024, EN50130-4, EN60950-1

FCC Part 15 Subpart B, ANSI C63.4-2014

UL UL 60950-1