olix ®

ONVR8HS-8P
8 Channel Compact 1U 8PoE H.265 Network Video Recorder

6 MP | H.265+ | MAX 4TB | | 8CH

Smart H.265+
Smart H.265+ is the optimised implementation of the H.265 codec that uses a scene-adaptive encoding strategy, dynamic GOP, dynamic ROI, flexible multi-frame reference structure and intelligent noise reduction to deliver high-quality video without straining the network. Smart H.265+ technology reduces bit rate and storage requirements by up to 70% when compared to standard H.265 video compression.

Automatic Network Replenishment (ANR) Technology
Network Video Recorders with the ANR function automatically store video data on an IP camera's SD card when the network is disconnected. After recovery of the network, the NVR automatically retrieves the video data stored on the camera.

DMSS/IDMSS
The DMSS app is available on the iOS App Store and Google Play. It makes surveillance easy and simple, allowing you to remotely access NVR devices, view live video, receive event push notifications, and search for recorded videos from an iPhone, iPad, or Android phone at anytime from virtually anywhere.

Technical Specification

System

Main Processor	Dual-Core embedded processor
Operating System	Embedded LINUX

Audio & Video

IP Camera Input	8 Channel
Two-Way Talk	N/A

Display

Interface	1 HDMI, 1 VGA
Resolution	1920×1080, 1280×1024, 1280×720
Decoding Capacity	1ch@6MP 30fps, 4ch@1080P 25fps
Multi-Screen Display	1/4
OSD	Camera title, Time, Camera lock, Motion detection, Recording

Recording

Compression	H.265+/H.264+
Resolution	6MP/5MP/4MP/3MP/1080P/720P/D1&etc.
Record Rate	40Mbps
Bit Rate	16Kbps ~ 20Mbps Per Channel
Record Mode	Manual, Schedule (Regular/Continuous), MD, 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, Video Push, Snapshot, and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22×18), and Tampering
Alarm Input	N/A
Relay Output	N/A

Playback & Backup

Sync Playback	1/4/9
Search Mode	Time/Date, 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

Third-Party Support

Third-Party Support	Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolour, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, and more

Network

Interface	1 RJ-45 port (10/100Mbps)
Ethernet Port	8 ports (IEEE802.3af/at)
PoE	HTTP/HTTPS, TCP/IP, IPv4/IPv6, RTSP, UDP, NTP,
Network Function	DHCP, DNS, IP Filter, IP Search (Support Dahua IP camera, DVR, NVS and etc.), P2P
Optical Fiber Interface	N/A
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF, SDK, CGI Conformant

Storage

Internal HDD	1 SATA III Port, up to 4TB capacity for each HDD
HDD Mode	Single
eSATA	N/A

Auxiliary Interface

USB	2 ports (2 Rear USB2.0)
RS232	N/A
RS485	N/A

Electrical

Power Supply	Single, DC48V/2A
Power Consumption	NVR: <4.29W (without HDD) PoE: Max 25.5w for single port, 72w in total

Environmental

Operating Conditions	-10°C~+45°C (+14°F~+113°F), 86~106kpa
Storage Conditions	-20°C~+70°C (-4°F~+158°F), 0~90% RH

Construction

Dimensions (W×D×H)	1U, 260mm×227mm×47.6mm (10.24"x8.94"x1.87")
Net Weight	2kg (4.41 lb)(without HDD)
Gross Weight	2.5kg (5.51 lb)(without HDD)