

**CP- UNR-7256R24D-EA8****256 Ch. Intelligent Video Surveillance Server****Main Features**

- Max 256 Ch. IP video access
- Max 512Mbps incoming bandwidth
- 3 HDMI / 1 VGA video output
- Up to 128-channel perimeter protection
- Up to 64-channel face recognition with normal IPC
- Up to 160-channel face recognition with face detection IPC
- Up to 32-channel video metadata
- Up to 50 face databases with 300,000 face pictures in total
- Supports RAID 0/1/5/6/10
- Support Multi-brand network cameras
- Redundant Power Supply
- Mobile Software: iCMOB, gCMOB
- CMS Software: KVMS Pro

# CP- UNR-7256R24D-EA8

## 256 Ch. Intelligent Video Surveillance Server

Feature	Specification
Main Processor	Industry embedded micro-controller
Operating System	Embedded LINUX
Operation Interface	WEB (PCAPP), local GUI
AI by Camera	Supports AI by camera function: Human face detection, human face recognition, video metadata (human/ vehicle/non-motorized vehicle), perimeter protection
AI by Device	Supports AI by IVSS function: Human face detection, human face recognition, video metadata (human/vehicle/non-motorized vehicle), perimeter protection
Perimeter Function (AI by Device)	128 Ch.
Perimeter Function (AI by camera)	256 Ch.
Human Face Properties	Supports 6 properties: Gender, age range (6 levels), glasses, expression (8 types), mouth mask, and beard
Face Detection Performance (AI by Device)(1080P) (Channel No)	64 Ch.
Face Detection Performance (AI by camera) (Channel Number)	160 Ch.
Face Database Capacity	50 face databases with 300,000 face pictures in total
Human Face Recognition Performance (AI by Device) (1080P)(Channel Number)	64-channel with normal IP camera 160-channel with face detection IP camera (Totally 160 face pictures analyzed per second)
Human Face Recognition Performance (AI by camera) (Channel Number)	160 Ch.
Plate Database Capacity	50 plate databases with 300,000 plate numbers in total Supports black list/white list
Plate Detection Performance by ITC Camera (Channel No)	64 Ch.
Human Body Properties	Top color, top type, bottom color, bottom type, cap, bag, age, gender, and umbrella
Vehicle Properties	Supports 9 properties: Plate, plate color, vehicle body, vehicle brand, driver calling, seatbelt status, decoration

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## 256 Ch. Intelligent Video Surveillance Server

Feature	Specification
General Alarm	Motion detect, tampering, local alarm
Anomaly Alarm	IPC offline alarm, storage error, HDD full, IP conflict, MAC conflict, login lock, AI module temperature alarm, AI module offline, fan malfunction
Intelligent Alarm	Human face detection, human face recognition, video metadata (person/vehicle/non-motorized vehicle), perimeter protection (intrusion, tripwire), plate recognition
Alarm Linkage	Record, snapshot (full image), local external alarm output, IPC external alarm output, access & control, audio prompt, buzzer, log, preset, email
Non-motorized Vehicle Properties	Supports 4 properties: Vehicle type, vehicle color, people amount, and helmet
Metadata Performance (AI by Device) (1080P) (Channel No)	32 Ch.
Metadata Performance (AI by camera)	64 Ch.
Remote Connection	256 Ch.
Network Bandwidth	Incoming bandwidth: 512Mbps Recording bandwidth: 384Mbps Outgoing bandwidth: 128Mbps
Resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/CIF/QCIF
Decoding Capability	6-channel12MP (20fps)/7-channel12MP (15fps)/6-channel8MP (30fps)/12-channel8MP (15fps)/7-channel6MP(30fps)/9-channel5MP(30fps)/11-channel5MP (25fps)/12-channel4MP (30fps)/18-channel4MP (20fps)/19-channel3MP (25fps)/12-channel1080P (60fps)/24-channel1080P (30fps)/36-channel720P (30fps)
Video Output	1-channel VGA output, 3-channel HDMI output, VGA 1/ HDMI 1 outputs the same video source, Supports 4K output
Multi-screen Display	Customized display Max. 36-channel local live view ; Max.16-channel PCAPP live view
Video Compression	Smart H.265+/Smart H.264+/H.265/H.264
Audio Compression	G.711A/G.711U/PCM/G726
Protocol	HTTP, HTTPS, TCP/IP, IPv4, RTSP, UDP, SMTP, NTP, DHCP, DNS, DDNS, P2P
Interoperability	ONVIF (Profile S, T and G), CGI, SDK
Network Mode	NIC binding mode such as multiple-address mode, load balance, fault-tolerance, etc



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## 256 Ch. Intelligent Video Surveillance Server

### Feature

Multiple-channel Playback

Record Search

Storage Medium

Backup Method

Playback Function

HDD Group

RAID

Audio Input

Audio Output

Alarm Input

Alarm Output

Internal HDD

eSATA

SAS

RS232

RS485

USB

HDMI & VGA

Network

Power

Operating Altitude

Power Supply

Power Consumption

Working Environment

Dimension (W x L x H)

Weight

### Specification

Max. 16-channel playback

Search video detection/manual record/IO alarm/ intelligent event/all record file

Internal HDD, SAS disk array enclosure

HDD, peripheral USB storage device

Play, pause, stop, fast forward, fast backward, reverse play, frame by frame play

Full-screen, backup (clip/file), snapshot, digital zoom, audio on/off

24

RAID 0/1/5/6/10

1 Ch. (reserved)

1-channel, speaker output, audio linkage output

16 Ch.

8 Ch.

24 slots, SATA3.0/SAS. Max.10T/HDD

1 Port

2 SAS (3.0) Port

1 port, for debug or transparent COM data

1 port, control peripheral PTZ and so on Supports various protocols

4 Ports 2 USB2.0 port at the front panel and 2 USB3.0 port at the rear panel

3 ports. 4K output & 1 Port VGA

4 RJ-45 10/100/1000Mbps self-adaptive Ethernet ports

2 Ports

5000 m

100V AC-240V AC 50±2%Hz

120W (Without HDD, idling)

0 °C to +45 °C (+32 °F to +113 °F)/10%RH-90% RH

Chassis: 446 mm × 543.4 mm × 175 mm (17.56 " × 21.39 " × 6.89 ") Max. size: 482.6 mm (with hanger) × 543.4 mm × 175 mm (with feet mat) (19.00 " × 21.39 " × 6.89 ")

18kg