

**DR-2516P-A**

# DirectIP™ 2500 Series H.265 4K Recorder

NDA & TAA Compliant



## 16-CHANNEL POE NVR SUPPORTING HIGH-RESOLUTION INTEGRATION AND INTELLIGENT ANALYTICS

The IDIS DR-2516P-A supports 16-channel IP camera connectivity with a maximum incoming throughput of 320Mbps, enabling stable recording and management of up to 12MP high-resolution video. It provides a data analysis environment for both security and operational efficiency through IDLA-based object detection and intrusion monitoring, as well as Business Intelligence (BI) features such as occupancy monitoring and queue management. The built-in 8-port PoE switch, H.265 compression, and DirectIP-based automated configuration reduce installation labor and enhance operational convenience. It is ideal for small to medium-sized offices, retail stores, and healthcare facilities that require high-definition surveillance and intelligent analytics.

### KEY FEATURES

- Total incoming throughput 320Mbps
- Up to 480ips UHD real-time recording
- Supports H.265 / H.264 codec
- Supports UHD display
- Up to 480ips live display
- Easy to install, set-up and play with DirectIP™ cameras
- Built-in 8 channel PoE Switch
- Supports one click network configuration through FEN service
- Supports third party cameras (Axis, Panasonic, ONVIF™ )

## DR-2516P-A | Datasheet

### VIDEO

Video Inputs	16 IP channels
Max. Incoming Throughput	320Mbps
Supported Camera	DirectIP™, AXIS, PANASONIC, ONVIF™
Video Outputs	1 HDMI, 1 VGA
Display Resolution	HDMI : 3840x2160, 1920 x 1200 , 1920 x 1080, 1680 x 1050, 1600 x 1200 VGA : 1920 x 1200 , 1920 x 1080, 1680 x 1050, 1600 x 1200
Display Speed	Up to 480ips
Digital Zoom	x2 ~ x12
NVR Side Dewarping	-

### RECORDING

Max. Throughput	180Mbps, 480ips@UHD
Recording Resolution	Up to 12MP (Depending on IP Camera)
Video Compression	H.265, H.264
Recording Mode	Time-Lapse, Event, Pre-Event, Panic
Trigger Event	IDLA(Object Detection, Intrusion, Loitering, Line Crossing, Face Detection), BI(Exceed Occupancy Limit, Social Distancing, Mask Rule Violation, Queue Congestion), Motion, Trip-zone, Tampering, Video Loss, Audio Detection, Alarm In, Network Alarm, Text-in, System, Etc.

### PLAYBACK

Performance	16ch synchronous playback 8ch 4K playback
Search Mode	Time-lapse, Event Log, Text-in, Thumbnail, Metadata(via IDIS Center, IDIS Solution Suite)
Digital Zoom	x2 ~ x12

### STORAGE

HDD	SATA x 2, eSATA x 1
Total Capacity	44TB=10TB x 2(Internal) + 6TB x 1x4(External)

### NETWORK

Client Connection	Gigabit Ethernet(Client) x1
Video In Connection	Fast Ethernet(IP Camera) x8 + Gigabit Ethernet (Ext) x1
Transmission Speed	50Mbps / 100Mbps(BRP Mode)

<b>PSE Power</b>	PoE(IEEE 802.3at class 4) supported 8 ports, 100W
<b>Event Notification</b>	Email (attach clip (.cbf) .MP4), Callback to Remote S/W, Push notification (IDIS Mobile)
<b>Two-way Audio</b>	Yes

## INTERFACE

<b>Audio In / Out</b>	Local(NVR) : - / 1RCA + 1HDMI IP Camera : 16 / 16 (Depending on IP Camera)
<b>Alarm In / Out</b>	Local(NVR) : 4 / 1 IP Camera : 16 / 16 (Depending on IP Camera)
<b>Alarm Reset In</b>	-
<b>Serial Interface</b>	RS232 (Terminal Block)
<b>USB</b>	USB 2.0 x 1, USB 3.0 x 1
<b>User Interface</b>	Mouse, IR Remote Control, Network Remote Keyboard

## GENERAL

<b>Operating System</b>	Embedded Linux
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## ENVIRONMENTAL

<b>Operating Temperature</b>	0°C to 40°C (32°F ~ 104°F)
<b>Operating Humidity</b>	0% ~ 90%

## ELECTRICAL

<b>Power Consumption</b>	NVR: 12V=, 2.2A, 26.4W PSE: 54V=, 1.85A, 100W MAX
<b>Approval</b>	FCC, CE, KC

## MECHANICAL

<b>Unit Dimensions (W x H x D)</b>	300mm x 62mm x 231 mm (11.8" x 2.4" x 9.1")
<b>Unit Weight</b>	2.3kg (5.1lb) (with 1 HDD)

## DIMENSIONS

Unit - mm (inch)

