

DR-6516P

DirectIP 6500 Series H.265 4K Recorder

NDAA & TAA Compliant



16-CHANNEL INTEGRATED SECURITY NVR SUPPORTING HIGH-RESOLUTION VIDEO AND INTELLIGENT ANALYTICS

The IDIS DR-6516P supports 16-channel IP camera connectivity with a maximum incoming throughput of 320Mbps, enabling stable recording of high-definition video up to 12MP. It ensures data reliability through RAID 1 support and extensive storage options with 6 SATA and 4 eSATA ports. The system features IDLA-based video analytics, including object and intrusion detection, alongside BI functions such as occupancy monitoring and queue management. With NVR-side dewarping for fisheye cameras, 16 built-in PoE ports, and H.265 compression, it reduces installation complexity and enhances operational efficiency. This NVR is ideal for mid-to-large scale retail, financial institutions, and corporate offices requiring precise security and data-driven insights.

KEY FEATURES

- Total incoming throughput 320Mbps
- Up to 480ips UHDreal-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 16 channel PoE Switch
- Expandable up to 252TB using eSATA storage
- Supports RAID 1
- Supports one click network configuration through FEN service
- Supports third party cameras (Axis, Panasonic, ONVIF)
- NDAA Compliance

DR-6516P | Datasheet

VIDEO

Video Inputs	16 IP Channels
Max. Incoming Throughput	320Mbps
Supported Camera	DirectIP, AXIS, PANASONIC, ONVIF
Video Outputs	2 HDMI
Display Resolution	HDMI : 3840x2160, 1920 x 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200
Display Speed	Up to 480ips
Digital Zoom	x2 ~ x12
NVR Side Dewarping	Yes

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
Search Mode	Time-lapse, Event Log, Text-in, Thumbnail, Metadata(via IDIS Center, IDIS Solution Suite)
Digital Zoom	x2 ~ x12

STORAGE

HDD	SATA x 6, eSATA x 4, RAID 1 Supported
Total Capacity	396TB=18TB x 6(Internal) + 18TB x4x4(External)

NETWORK

Client Connection	Gigabit Ethernet (Client) x1
Video In Connection	Gigabit Ethernet(IP Camera) x16 + Gigabit Ethernet(Ext) x1
Transmission Speed	50Mbps / 100Mbps (BRP Mode)
PSE Power	PoE (IEEE 802.3at Class 4) Supported 16 Ports, 120W

Event Notification	Email (Attach Clip (.cbf) .MP4), Callback to Remote S/W, Push Notification (IDIS Mobile)
Two-way Audio	Yes

INTERFACE

Audio In / Out	Local (NVR) : 1 RCA / 1RCA + 2HDMI IP Camera :16 / 16 (Depending on IP Camera)
Alarm In / Out	Local(NVR) : 4 / 1 IP Camera : 16 / 16 (Depending on IP Camera)
Alarm Reset In	Yes
Serial Interface	RS232 (Terminal Block), RS485 (Terminal Block)
USB	USB 2.0 x 2, USB 3.0 x 1
User Interface	Mouse, IR Remote Control, Network Remote Keyboard

GENERAL

Operating System	Embedded Linux
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ENVIRONMENTAL

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

ELECTRICAL

Power Consumption	100-240V~, 50/60Hz, 3.0-1.5A, 250W
Approval	FCC, UL, CE, CB

MECHANICAL

Unit Dimensions (W x H x D)	430mm x 88mm x 420mm (16.9" x 3.5" x 16.5")
Unit Weight	6.75kg (14.88lb) (with 1HDD)

DIMENSIONS

Unit - mm (inch)

