SPRO B6®

ARTIFICIAL INTELLIGENCE

DHDVR24-B6-2H-V3

32 (16 + 16) Channel 4K DVR 5 in 1 (CVI / TVI / AHD / ANALOGUE / IP)
With AI Technology

SMD+ Smart Motion Detection Plus · **PERIMETER PROTECTION** · **Smart Fan** · **FACE DETECTION 2.0** · **INTRUSION** · **TRIPWIRE** · **Onvif**

32 CHANNELS · **HDMI** · **VGA** · **PTZ CONTROL** · **H.265** · **iPHONE & ANDROID PHONE VIEWING** · **APPLE MAC VIEWING** · **USB BACKUP** · **4K 8MP**

Key Features:

- H.265+ video compression
- 4K recording@7fps, 4MP@15fps, 1080P@25fps
- Supports up to 8MP on extra IP channels
- Supports "IP Audio over CAT5e" on extra IP channels (compatible cameras required)
- P2P(no port forwarding required)
- SMD PLUS (smart motion detection plus)
- Perimeter protection
- Intrusion & tripwire (human & vehicle classification)
- Face detection 2.0
- 2 way audio
- Push notification
- Spot monitoring via local network
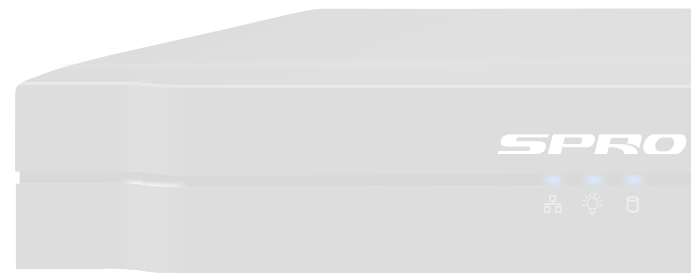
SPECIFICATIONS

Model Number	DHDVR24-B6-2H-V3
Main Processor	Industrial-grade processor
Operating System	Embedded LINUX
Operating Interface	Web; Local GUI

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Perimeter Protection

Performance	Advanced Model: 2 channels, 10 IVS for each channel
	General Model: 8 channels, 10 IVS for each channel

Face Detection

Face Attributes	Gender; age group; glasses; expressions; face mask; beard
Face Detection Performance	2 channels (up to 12 face images/s)

Face Recognition

Face Database Capacity	Up to 10 face databases with 20 000 face images in total. Name, gender, birthday, address, certificate type, certificate No., countries & regions and state can be added to each face picture
Face Recognition Performance	2 channels

SMD Plus

SMD Plus by Recorder	16 channels: Secondary filtering for human and motor vehicle SMD Plus, reducing false alarms cause by leaves, rain and lighting condition change

Audio and Video

Analogue Camera Input	16 channel BNC: adaptive access by default; HDCVI, AHD, TVI and CVBS access can be configured.
Camera Input	1. CVI: 4K, 6MP, 5MP, 4MP, 1080P@25/30fps, 720P@50/60fps, 720P@25/30fps. 2. TVI: 4K, 5MP, 4MP, 3MP, 1080P@25/30fps, 720P@25/30fps. 3. AHD: 4K, 5MP, 4MP, 3MP, 1080P@25/30fps, 720P@25/30fps.
IP Camera Input	Up to 32 channels of IPC access 16 IP channels by default + 16 channels (analog channels are converted to IP channels) incoming bandwidth: 128 Mbps, recording bandwidth: 128 Mbps and outgoing bandwidth: 128 Mbps *After IP channels are added beyond the existing channels, the AI Function (IVS, SMD, FACE) will be disabled.
Dual-stream	Yes
Video Frame Rate	PAL: 1 fps–25 fps. NTSC: 1 fps–30 fps.

Video Bit Rate	32 kbps-6144kbps per channel
Audio Sampling	8kHz, 16 bit
Audio Bit Rate	64kbps
Bit Rate Type	Video stream and composite stream.
Video Output	1 HDMI ,1 VGA HDMI: 3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720 VGA: 1920 × 1080, 1280 × 1024, 1280 × 720 *Simultaneous/heterogeneous video sources output for VGA and HDMI is configurable.
Multi-screen Display	When IP extension mode not enabled: 1/4/8/9/16 When IP extension mode enabled: 1/4/8/9/16/25/36
Third-party Camera Access	Onvif, Panasonic, Sony, Axis, Arecont, Pelco, Canon, Samsung
Compression Standard	
Video Compression	AI Coding; H.265+; H.265; H.264+; H.264
Audio Compression	G.711A; G.711u; PCM
Network	
Network Protocol	HTTP; HTTPS; TCP / IP; IPv4; RTSP; UDP; SMTP; NTP; DHCP; DNS; DDNS; P2P
Mobile Phone Access	iOS; Android
Interoperability	ONVIF 21.06, CGI
Browser	Chrome , IE9 or above, Firefox
Network Mode	Single-address mode
Recording Playback	
Record Mode	General, motion detection; intelligent; alarm; POS
Recording Playback	When AI Function (IVS, FACE) is not enabled: 1/4/9/16 When the AI Function (IVS, FACE) is enabled: 1/4/9
Backup Method	USB device and network
Playback Mode	Instant playback, general playback, event playback, tag playback smart playback (face and motion detection)

Storage	
Disk Group	Yes

Alarm	
General Alarm	Motion detection, video loss, tampering
Anomaly Alarm	No disk, storage error, low space, offline, IP conflict, MAC conflict
Inteligent Alarm	Face detection, face recognition, perimeter protection
Alarm Linkage	Record, snapshot (panoramic), IPC external alarm output, access controller, voice prompt, buzzer, log, preset, email

Ports	
Audio Input	1-channel RCA (external) 16-channel BNC (coaxial audio
Audio Output	1, RCA
Two-way talk	Yes (share the same audio input with the first channel)
HDD Interface	2 SATA ports, up to 16 TB for a single HDD, the maximum HDD capacity varies with environment temperature
RS-485	1
USB	2 (1 front USB 2.0 port, 1 rear USB 3.0 port)
HDMI	1
VGA	1
Network Port	1(10/100/1000 Mbps Ethernet port, RJ-45)

General	
Power Supply	12 VDC. 5 A
Power Consumption	Lower than 15W (without HDD)
Net Weight	1.77 kg (3.90lb)
Gross Weight	2.94 (6.48 lb)
Product DImensions	1U, 375.0 mm × 289.4 mm × 53.0 mm
Operating Temperature	−10 °C to +55 °C (14 °F to +131 °F)
Operating Humidity	10%-90% (RH)
Installation	Desktop
Certifications	CE: CE-LVD: EN 60950-1/IEC 60950-1 CE-EMC: EN 61000-3-2, EN 61000-3-3, EN 55032, EN 50130, EN 55024 FCC: Part 15 Subpart B

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Panels

16 Cameras

Video Input

1 Audio & 1 Talk

1 Audio & 1 Talk

Audio Output

Audio Input

PTZ Control

RS485

1 HDMI

1 VGA

Video Output

VIDEO IN

AUDIO IN

AUDIO OUT

VGA

ON OFF

HDMI

A/B

DC12V

Network

Network Camera

CMS: DSS/ Smart PSS

Web Client

Mobile Phone

Network Keyboard

USB X2

USB Device / Mouse