

SPRO B6[®]



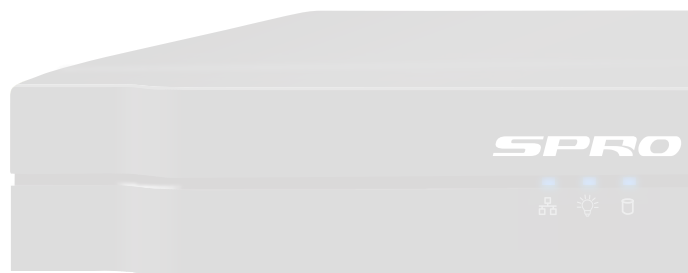
DHDVR24-B6-2H

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



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
Main Processor	Embedded Processor
Operating System	Embedded LINUX

(continued)

Perimeter Protection

Performance	2 channels, 10 IVS for each channel
Object classification	Human/Vehicle secondary recognition for tripwire and intrusion
AI Search	Search by target classification (Human, Vehicle)

Face Detection

Performance	Max 12 face pictures/sec processing 2 channel video stream face recognition, only support analog camera
Stranger Mode	Detect strangers' faces (not in device's face database). Similarity threshold can be set manually.
AI Search	Up to 8 target face images search at same time, similarity threshold can be set for each target face image.
Database Management	Up to 10 face databases with 20,000 face images in total. Name, gender, birthday, address, certificate type, certificate No., countries and state can be added to each face picture.
Database Application	Each database can be applied to video channels independently .
Trigger Events	Buzzer, Voice Prompts, Email, Snapshot, Recording, Alarm Out, PTZ Activation, etc.

SMD Plus

Performance	16 channels
AI Search	Search by target classification (Human, Vehicle)

Video and Audio

Analog Camera Input	16 channels, BNC
HDCVI Camera Input	4K, 6MP, 5MP, 4MP, 1080P@25fps, 720P@50fps, 720P@25fps
AHD Camera Input	4K, 5MP, 4MP, 3MP, 1080P@25/30, 720P@25/30fps
TVI Camera Input	4K, 5MP, 4MP, 3MP, 1080P@25/30, 720P@25/30fps
CVBS Camera Input	PAL/NTSC
IP Camera Input	16+16 channels, each channel up to 8MP
Audio In/Out	1/1, RCA
Two-way Talk	Reuse audio in/out, RCA

Recording	
Compression	AI Coding/H.265+/H.265/H.264+/H.264
Resolution	4K, 6MP, 5MP, 4K-N, 4MP, 3MP, 4M-N, 1080P, 720P, 960H, D1, CIF
Record Rate	Main stream: All channel 4K(1fps–7fps); 6MP(1fps–10fps); 5MP(1fps–12fps); 4K-N, 4MP/3MP(1fps–15fps); 4M-N/1080P/720P/960H/D1/CIF (1fps–25fps) Sub stream: 960H(1fps–15fps); D1/CIF(1fps–25/30fps)
Bit Rate	32Kbps–6144Kbps Per Channel
Record Mode	Manual, Schedule (General, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
Record Interval	1–60 min (default: 60 min), Pre-record: 1 sec–30 sec, Post-record: 10 sec–300 sec
Audio Compression	G.711A, G.711U, PCM
Audio Sample Rate	8KHz, 16 bit Per Channel
Audio Bit Rate	64Kbps Per Channel
Display	
Interface	1 HDMI ,1 VGA
Resolution	HDMI: 3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720 VGA: 1920×1080, 1280×1024, 1280×720
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
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Network	
Interface	1 RJ-45 Port (1000 MB)
Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, Wi-Fi, 3G/4G, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE,DDNS, FTP, Alarm Server, P2P, IP Search (Supports IP camera, DVR, NVS, etc.)
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 16.12, CGI Conformant

Video Detection and Alarm

Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss, Tampering and Diagnosis

Alarm Input / Relay Output	N/A
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Playback and Backup

Playback	1/4/9/16
Search Mode	Time /Date, Alarm, 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, Repeat, Shuffle, Backup Selection, Digital Zoom
Backup Mode	USB Device/Network

Storage

Internal HDD	2 SATA Port, up to 10TB capacity
eSATA	N/A

Auxiliary Interface

USB	2 USB Ports (1 USB 2.0 , 1 USB 3.0)
RS232	1 Port, for PTZ Control
RS485	N/A

General

Power Supply	DC 12V/2A
Power Consumption	<15W (without HDD)
Dimensions	Compact 1U, 260 mm × 238 mm × 48 mm
Net Weight	1.8kg (without HDD)
Gross Weight	3.1kg
Operating Conditions	-10°C to +55°C (+14°F to +131°F), 0%–90% RH
Storage Conditions	-20°C to +70°C (-4°F to +158°F) , 0–90% RH

Third-party Support

Third-party Support	Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more
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Certifications

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FCC: Part 15 Subpart B

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

