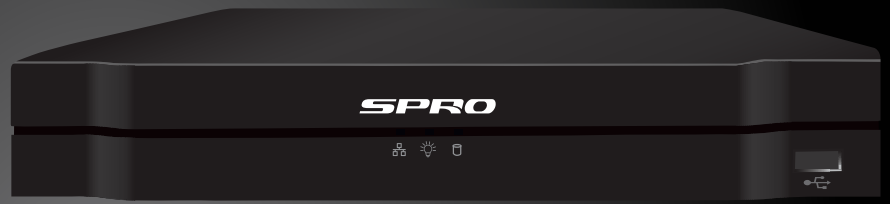


SPRO B5[®]



DHDVR24-B5-V3

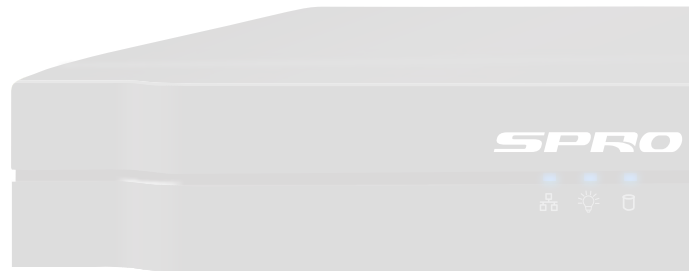
24 Channel 5MP Lite DVR 5 in 1 (CVI / TVI / AHD / ANALOGUE / IP)
With AI Technology



ARTIFICIAL
INTELLIGENCE

Key Features:

- H.265 video compression
- 5M-N recording@10fps, 1080P@15fps
- Supports up to 5MP 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-B5-V3 |
| Main Processor | Embedded Processor |
| Operating System | Web; Local GUI |

(continued)

Perimeter Protection

| | |
|--------------------|--|
| Performance | Advanced Model: 2 channel, 10 IVS for each channel General Model: 4 channels, 10 IVS for each channel |
|--------------------|--|

Face Detection

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|------------------------|--|
| Face Attributes | Gender; age group; glasses; expressions; face mask; beard |
|------------------------|--|

| | |
|-----------------------------------|-------------------------------------|
| Face Detection Performance | 2 channels (up to 12 face images/s) |
|-----------------------------------|-------------------------------------|

Of AI by Recorder

Face Recognition

| | |
|-------------------------------|--|
| Face Database Capacity | Up to 10 face databases with 10000 face images in total. Name, gender, birthday, address, certificate type, certificate No., countries®ions and state can be added to each face picture |
|-------------------------------|--|

Face Recognition Performance

| | |
|---|------------|
| of AI by Recorder (Number of Channels) | 2 channels |
|---|------------|

SMD Plus

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

Audio and Video

| | |
|----------------------------|---|
| Analog Camera Input | 16 BNC ports, CVI access by default, supports HDCVI/AHD/TVI/CVBS auto-detect |
|----------------------------|---|

| | |
|---------------------|--|
| Camera Input | 1. CVI: 5MP, 4MP, 1080p@25/30 fps, 720p@50/60 fps, 720p@25/30 fps. 2. TVI: 5MP, 4MP, 3MP, 1080p@25/30, 720p@25/30 fps. 3. AHD: 5MP, 4MP, 3MP, 1080p@25/30, 720p@25/30 fps. |
|---------------------|--|

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|------------------------|---|
| IP Camera Input | Up to 24 channels of IPC access 8 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. |
|------------------------|---|

| | |
|----------------------------------|--|
| Encoding Capacity | Main stream: All channel 5M-N (1 fps–10 fps); 4M-N/1080p (1 fps–15 fps); 1080N/720p/960H/D1/CIF (1 fps–25/30 fps) Sub stream: Supported (D1/CIF (1 fps–15 fps)). |
| Dual-stream | Yes |
| Video Frame Rate | PAL: 1fps-25fps NTSC: 1fps-30fps |
| Video Bit Rate | 32Kbps-6144Kbps Per Channel |
| Audio Sampling | 8KHz, 16 bit |
| Audio Bit Rate | 64Kbps |
| Video Output | 1 HDMI ,1 VGA VGA: 1920 × 1080, 1280 × 1024, 1280 × 720 HDMI: 3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720 It changes to 1920 × 1080, 1280 × 1024, 1280 × 720 when Face or IVS&SMD is selected in AI Mode. |
| 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 |
| 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 | iPhone, iPad, Android |
| Interoperability | ONVIF 21.03, CGI |
| Browser | Chrome, IE9 or above, Firefox |
| Network Mode | Single-address mode |
| Recording Playback | |
| Record Mode | General, motion detection; intelligent; alarm; POS |
| Recording Playback | 1/4/9/16 It changes to 1/4/9 split when Face or IVS&SMD is selected in AI Mode |

| | |
|------------------------------|--|
| Backup Method | USB Device / Network |
| Playback Mode | Instant playback, general playback, event playback, tag playback, smart playback (face and motion detection) |
| Alarm | |
| General Alarm | Motion Detection, Video Loss, tampering and local alarm |
| Anomaly Alarm | No disk, disk error, low space, offline, ip conflict, MAC conflict |
| Intelligent 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-channel RCA |
| Two-way Talk | Yes (share the same audio input with the first channel) |
| HDD Interface | 1 SATA Port, up to 16TB, the maximum HDD capacity varies with environment temperature |
| RS-485 | 1 Port, for PTZ Control |
| USB | 2 (1 front USB port, 1 rear USB 3.0 port) |
| HDMI | 1 |
| VGA | 1 |
| Network Port | 1 (10/100/1000Mbps Ethernet port, RJ-45) |
| General | |
| Power Supply | DC12V, 2A |
| Power Consumption | Lower than 12 W |
| Net Weight | 1.17 kg (2.58lb) |
| Gross Weight | 1.57 kg (3.46lb) |
| Product Dimensions | Compact 1U, 260.0 mm × 237.9 mm × 47.6 mm 10.24" × 9.37" × 1.87" (W × D × H) |
| Packaging Dimensions | 333.0 mm × 89.0 mm × 315.0 mm 13.11" × 3.50" × 12.40" (W × D × H) |
| Operating Temperature | -10 °C to +55 °C (+14 °F to +131 °F) |

Operating Humidity

10%–90%

Installation

Desktop

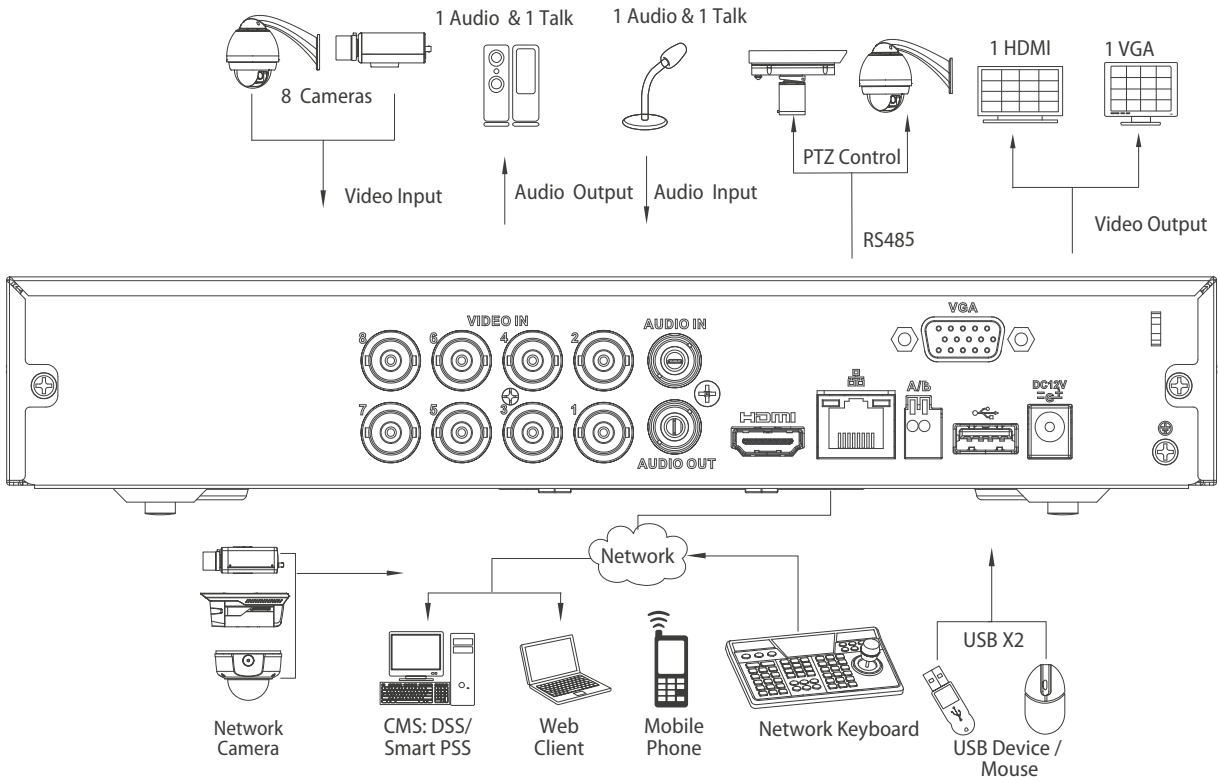
Certifications

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

Panel



Dimensions (mm[inch])

