LUXRITE ®
SECURITY YOU CAN TRUST

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SPRO B5 ®

AI
ARTIFICIAL
INTELLIGENCE

DHDVR32-B5-V2

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

5MP
LITE

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**

Key Features:

• 32-channel SMD Plus for analogue channels or 48-channel SMD by camera which allows the device to trigger accurate alarms for humans and vehicles.

• 8-channel perimeter protection for analog channels which supports tripwire and intrusion detection powered by AI.

• 2-channel face recognition for analogue channels which supports face comparison.

• 16-channel AI Coding saves on storage and bandwidth while maintaining the details of targets in videos.

• Supports HDCVI, AHD, TVI, CVBS and IP video input.

• Supports up to 32-channel IP camera input and each channel can be up to 6 MP. The incoming bandwidth reaches 192 Mbps.

• Smart H.265+ and H.265 dual-stream video compression.

SPECIFICATIONS

Model Number	DHDVR32-B5-V2
Main Processor	Industrial-grade processor
Operating System	Embedded LINUX

(continued)

Perimeter Protection	
Perimeter Performance **AI by Recorder** **(Number of Channels)**	Advanced Mode: 2 channels, 10 IVS rules for each channel General Mode: 8 channels, 10 IVS rules for each channel
Face Detection	
Face Attributes	6 attributes
Face Detection Performance of AI by Recorder *(Number of Channels)*	2 channels (up to 12 face images/s each channel)
Face Recognition	
Face Database Capacity	Up to 10 face databases with 10,000 images
Face Recognition Performance of AI by Recorder *(Number of Channels)*	2 channels
SMD Plus	
SMD Plus by Recorder	32 channels: Secondary filtering for human and vehicle, reducing false alarms caused by leaves, rain and lighting condition change
SMD Plus by Camera	32 channels
AI Video Quality Analytics	
AI Video Quality Analytics by Recorder	32 channels: Supports detecting brightness levels, colour cast, defocus, overexposure, contrast levels, black and white
Scene Changing	
Scene Changing by Recorder	1 channel
Irregular Black Block Masking	
Irregular Black Block Masking by Recorder	1 channel
Audio and Video	
Analogue Camera Input	32 BNC ports, supports HDCVI/AHD/TVI/CVBS auto-detect
Camera Input	1. CVI: 5MP@25 fps; 5MP@20 fps; 5MP@10/12.5 fps; 4MP@25/30fps; 1080p@25/30 fps; 720p@50/60 fps; 720p@25/30 fps 2. TVI: 5MP@20 fps; 4MP@25/30 fps; 1080p@25/30 fps; 720p@25/30fps 3. AHD: 5MP@20 fps; 4MP@25/30 fps; 1080p@25/30 fps; 720p@25/30fps *After IP extension is enabled, Video Quality Analytics, Scene Changing, Face Recognition, Face Detection, SMD, Perimeter Protection cannot be used.

Encoding Capacity	Main stream: 5 MP Mode: 4-ch 5 MP@(1 fps-6 fps); others 5M-N@(1fps-12 fps) 5M-N Mode: 5M-N@(1 fps –12 fps); 4M-N/1080p@(1fps–15 fps); 1080N/720p/960H/D1/CIF@(1 fps–25/30fps) Sub stream: D1/CIF@(1 fps–15 fps)
Dual-Stream	Yes
Video Bit Rate	32kbps-6144kbps
Audio Sampling	8 kHz, 16 bit
Audio Bit Rate	64 kbps
Video Output	1 HDMI, 1 VGA, 1 TV 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	Main Screen: 1/4/8/9/16/25/36 Sub Screen: 1/4/8/9/16 The sub screen display conflicts with IP extension function.
Third-party Camera Access	Panasonic; Sony; Hanwha; Axis; Arecont; ONVIF

Compression Standard

Video Compression	AI Coding; Smart H.265+; H.265; Smart H.264+; H.264
Audio Compression	G.711a; G.711u; PCM

Network

Network Protocol	HTTP; HTTPS; TCP/IP; IPv4; IPv6; RTSP; UDP; NTP; DHCP;DNS; SMTP; UPnP; IP Filter; FTP; DDNS; SNMP; Alarm Server; P2P; Auto Registration; IP Search (Supports IP camera, DVR, NVS, etc.)
Mobile Phone Access	iOS; Android
Interoperability	ONVIF 23.12 (Profile T; Profile S; Profile G); CGI; SDK
Browser	Chrome; IE; Safari; Edge; Firefox

Recording Playback	
Record Mode	General; alarm; motion detection; intelligent; POS
Recording Playback	1/4/9/16
Backup Method	USB device and network
Playback Mode	Instant playback; general playback; event playback; tag playback; smart playback

Storage	
Disk Group	Yes

| Alarm	
General Alarm	Motion detection; alarm box; HDCVI alarm; camera external alarm; network alarm; PIR alarm
Anomaly Alarm	Error (no disk, disk error, low space, low quota space; network disconnection; IP conflict; MAC conflict); video loss; video tampering; camera offline
Intelligent Alarm	Face detection; face recognition; perimeter protection; SMD Plus
Alarm Linkage	Record; snapshot (panoramic); IPC external alarm output; audio; buzzer; log; preset; email

Ports	
TV Output	1 channel
Audio Input	1-channel RCA; 32-channel BNC (Coaxial Audio)
Audio Output	1-channel RCA
Two-way-Talk	Yes (share the same audio input with the first channel)
Disk Interface	2 SATA ports. Each disk can contain up to 16TB. This limit varies depending on the 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	<16 W (without HDD)
Net Weight	1.90 kg (4.20 lb)
Gross Weight	3.20 kg (7.00 lb)
Product Dimensions	375.0 mm × 289.6 mm × 53.0 mm (14.76" × 11.40" × 2.09") (W × D × H)
Operating Temperature	–10 °C to +55 °C (+14 °F to +131 °F)
Storage Temperature	–20 °C to +60 °C (–4 °F to +140 °F)
Operating Humidity	10%–90% (RH), non-condensing
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

Dimensions (mm[inch])

mm [inch]

375.0 [14.76]

53.0 [2.09]

289.6 [11.40]
278.4 [10.96]
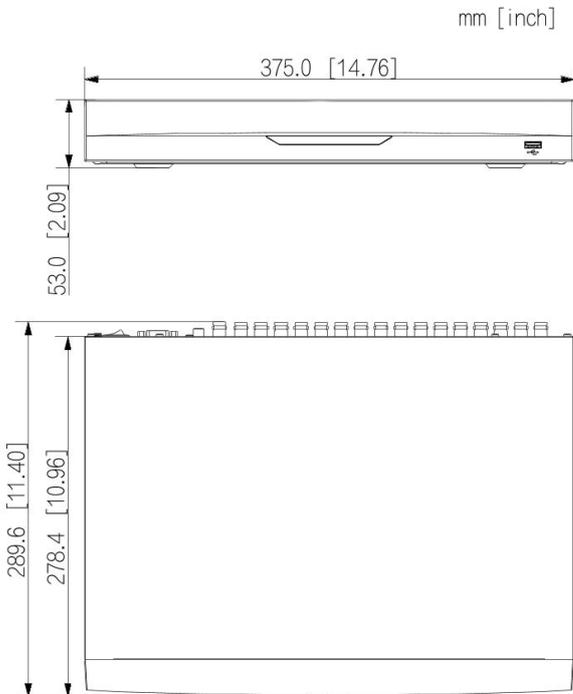
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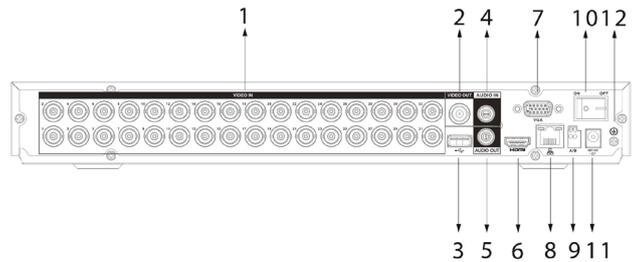
1 VIDEO IN
2 VIDEO OUT
3 USB Port
4 AUDIO IN, RCA Connector
5 AUDIO OUT, RCA Connector
6 HDMI Port
7 VGA Port
8 Network Port
9 RS–485 Port
10 Power Switch
11 Power Input
12 Ground

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