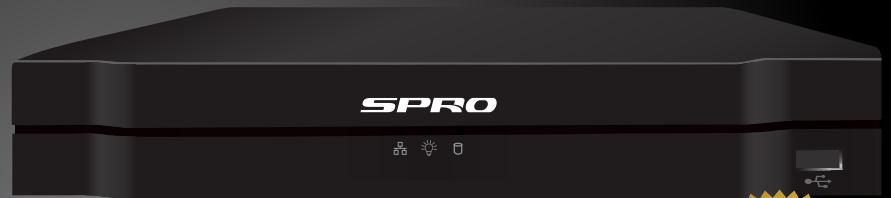


# SPRO B5<sup>®</sup>



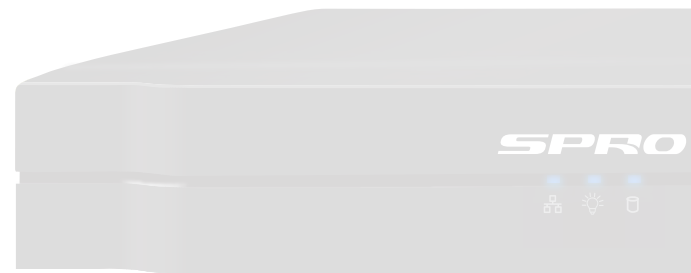
## DHDVR12-B5-V3

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



### 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

<b>Model Number</b>	DHDVR12-B5-V3
<b>Main Processor</b>	Embedded Processor
<b>Operating System</b>	Embedded LINUX

(continued)

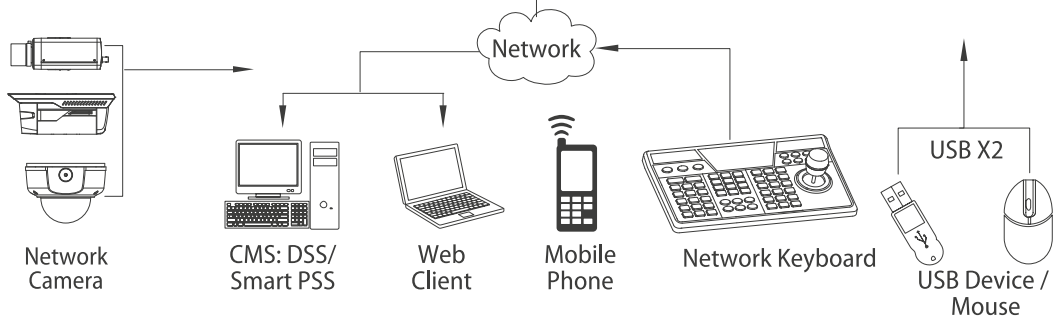
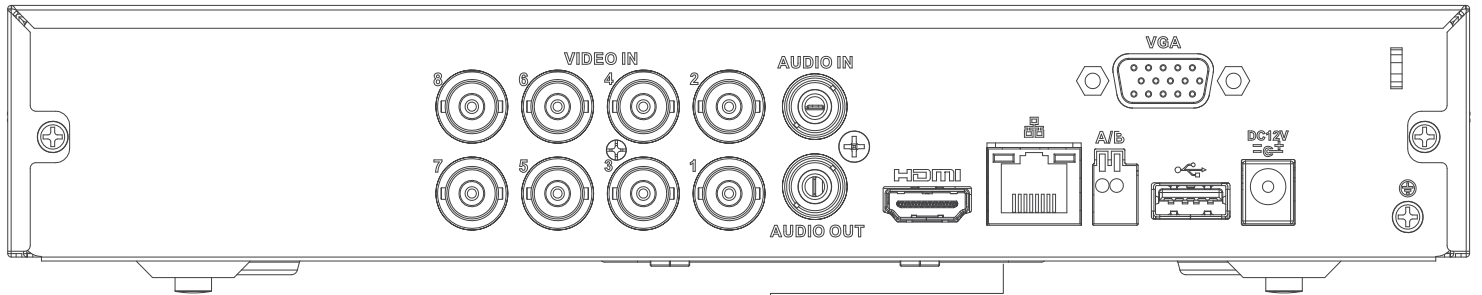
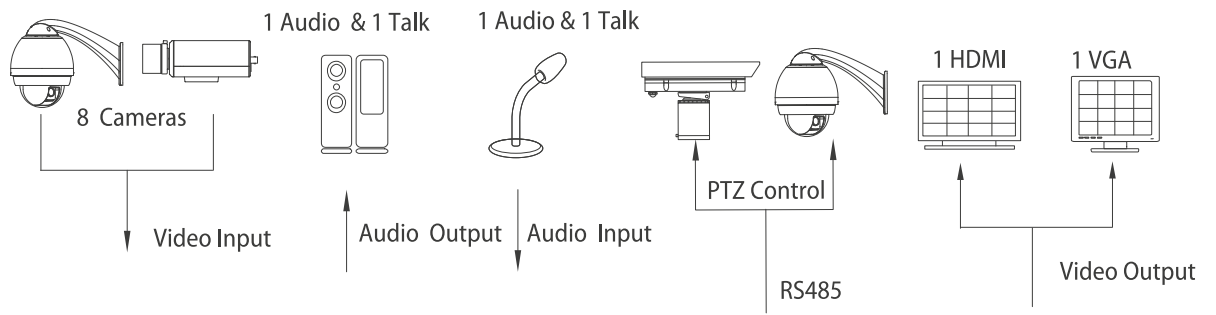
<b>Perimeter Protection</b>	
<b>Perimeter Performance AI</b>	Advanced Model : 1 channel, 10 IVS for each channel General Model : 2 channels, 10 IVS for each channel
<b>Face Detection</b>	
<b>Face Attributes</b>	Gender; age group; glasses; expressions; face mask; beard
<b>Face Detection Performance of AI</b>	1 channel, (up to 8 face images/s)
<b>Face Recognition</b>	
<b>Face Database Capacity</b>	Up to 10 face databases and 10,000 images.
<b>Face Recognition Performance of AI</b>	1 channel
<b>Trigger Events</b>	Up to 10 face databases with 10,000 face images in total. Name,
<b>SMD Plus</b>	
<b>SMD Plus by Recorder</b>	8-channel: Secondary filtering for human and motor vehicle , reducing false alarms caused by leaves, rain and lighting condition change.
<b>Audio and Video</b>	
<b>Analog Camera Input</b>	8 channels, BNC: adaptive access by default; HDCVI, AHD, TVI and CVBS access can be configured.
<b>Camera Input</b>	1. CVI: 5 MP, 4 MP, 1080p@25/30 fps, 720p@50/60 fps, 720p@25/30 fps. 2. TVI: 5 MP, 4 MP, 1080p@25/30 fps, 720p@25/30 fps. 3. AHD: 5 MP, 4 MP, 1080p@25/30 fps, 720p@25/30 fps. 4. CVBS: PAL/NTSC
<b>IP Camera Input</b>	Up to 12 channels of IPC access 4 IP channels by default + 8 channels (analog channels are converted to IP channels) incoming bandwidth: 64 Mbps, recording bandwidth: 64 Mbps and outgoing bandwidth: 64 Mbps *After IP channels are added beyond the existing channels, the AI Function (IVS, SMD, FACE) will be disabled.
<b>Encoding Capacity</b>	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: D1/CIF (1 fps–15 fps)

<b>Dual-stream</b>	Yes
<b>Video Bit Rate</b>	32 kbps–6144 kbps
<b>Audio Sampling</b>	8 kHz, 16 bit
<b>Audio Bit Rate</b>	64 kbps
<b>Video Output</b>	1 HDMI, 1 VGA HDMI/VGA: 1920 × 1080, 1280 × 1024, 1280 × 720
<b>Multi-screen Display</b>	When IP extension mode not enabled: 1/4/8/9 When IP extension mode enabled: 1/4/8/9/16
<b>Third-party Camera Access</b>	ONVIF; RTSP; Panasonic; Sony; Axis; Arecont; Pelco; Canon; SamsungCompression
<b>Compression Standard</b>	
<b>Video Compression</b>	AI Coding; H.265+; H.265; H.264+; H.264
<b>Audio Compression</b>	G.711a; G.711u; PCM
<b>Network</b>	
<b>Network Protocol</b>	HTTP; HTTPS; TCP/IP; IPv4; RTSP; UDP; SMTP; NTP; DHCP; DNS; DDNS; P2P
<b>Mobile Phone Access</b>	iOS; Android
<b>Interoperability</b>	ONVIF 21.06; CGI Conformant
<b>Browser</b>	Chrome, IE9 or later, Firefox
<b>Network Mode</b>	Single-address mode
<b>Recording Playback</b>	
<b>Record Mode</b>	General, motion detection; intelligent; alarm; POS
<b>Recording Playback</b>	1/4
<b>Backup Method</b>	USB device and network
<b>Playback Mode</b>	Instant playback, general playback, event playback, tag playback, smart playback (face and motion detection)
<b>Alarm</b>	
<b>General Alarm</b>	Motion detection, video loss, tampering
<b>Anomaly Alarm</b>	No disk, disk error, low space, offline, ip conflict, MAC conflict
<b>Intelligent Alarm</b>	Face detection, face recognition, perimeter protection
<b>Alarm Linkage</b>	Record, snapshot (panoramic), IPC external alarm output, access controller, voice prompt, buzzer, log, preset, email

Ports	
<b>Audio Input</b>	1-channel RCA 8-channel BNC (Coaxial Audio)
<b>Audio Output</b>	1-channel RCA
<b>Two-way Talk</b>	Yes (share the same audio input with the first channel)
<b>HDD Interface</b>	1 SATA port, up to 16 TB. The maximum HDD capacity varies with environment temperature.
<b>RS-485</b>	1 port, for PTZ control
<b>USB</b>	2 USB ports (USB 2.0)
<b>HDMI</b>	1
<b>VGA</b>	1
<b>Network Port</b>	1 (10/100 Mbps Ethernet port, RJ-45)
General	
<b>Power Supply</b>	12 VDC, 2 A
<b>Power Consumption</b>	<7 W
<b>Net Weight</b>	1.1 kg (2.43 lb)
<b>Gross Weight</b>	1.5 kg (3.31 lb)
<b>Product Dimensions</b>	260.0 mm × 237.9 mm × 47.6 mm (10.24" × 9.37" × 1.87") (W × D × H)
<b>Packaging Dimensions</b>	333.0mm × 315.0mm × 89.0 mm (13.11" × 12.40" × 3.50") (W× D × H)
<b>Operating Temperature</b>	-10 °C to +55 °C (+14 °F to +131 °F)
<b>Operating Humidity</b>	0%–90% (RH)
<b>Installation</b>	Desktop
<b>Certifications</b>	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; EN50130; EN 55024

### DVR Capacity

Resolution - BNC Channels	Recording Ability	Playback Ability
5MP-N	10 FPS	8CH @ 10 FPS
4MP-N	15 FPS	8CH @ 15 FPS
1080P	15 FPS	8CH @ 15 FPS
960H	25 FPS	8CH @ 25 FPS



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