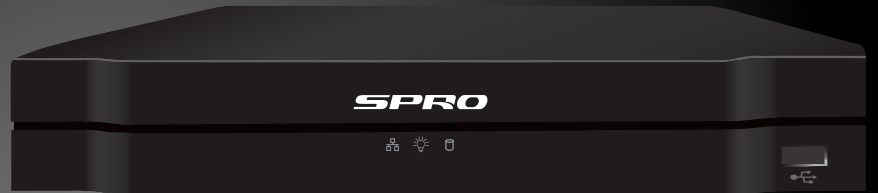


# SPRO B7<sup>®</sup>



## DHDVR04-B7

8 (4 + 4) Channel 4K DVR 5 in 1 (CVI / TVI / AHD / ANALOGUE / IP)  
With AI Technology



### Key Features:

- H.265+/H.265 dual-stream video compression.
- Supports 4-channel AI-Coding.
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs.
- Max 8 channels IP camera inputs, each channel up to 8MP; Max 128 Mbps incoming bandwidth.
- Up to 4 channels video stream (analogue channel) perimeter protection.
- Up to 4 channels video stream (analogue channel) SMD plus.
- Up to 2 channels video stream (analogue channel) human face recognition.
- IoT & POS functionalities.



### SPECIFICATIONS

<b>Model Number</b>	DHDVR04-B7
<b>Main Processor</b>	Industrial-grade processor
<b>Operating System</b>	Embedded Linux
<b>Operating Interface</b>	Web; Local GUI

(continued)

**Perimeter Protection**

<b>Performance</b>	Advanced Model : 2 channels, 10 IVS for each channel General Model : 4 channels, 10 IVS for each channel
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**Face Detection**

<b>Face Attributes</b>	Gender; age group; glasses; expressions; face mask; beard
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<b>Face Detection Performance by Recorder</b>	2 channel (up to 12 face images/s each channel)
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**Face Recognition**

<b>Face Database Capacity</b>	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 image
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<b>Face Recognition Performance of AI by Recorder</b>	2 channels
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**SMD Plus**

<b>SMD Plus by Recorder</b>	4 channels: Secondary filtering for human and motor vehicle , reducing false alarms caused by leaves, rain and lighting condition change
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**Audio and Video**

<b>Analogue Camera Input</b>	4 BNC ports, supports HDCVI/AHD/TVI/CVBS auto-detect
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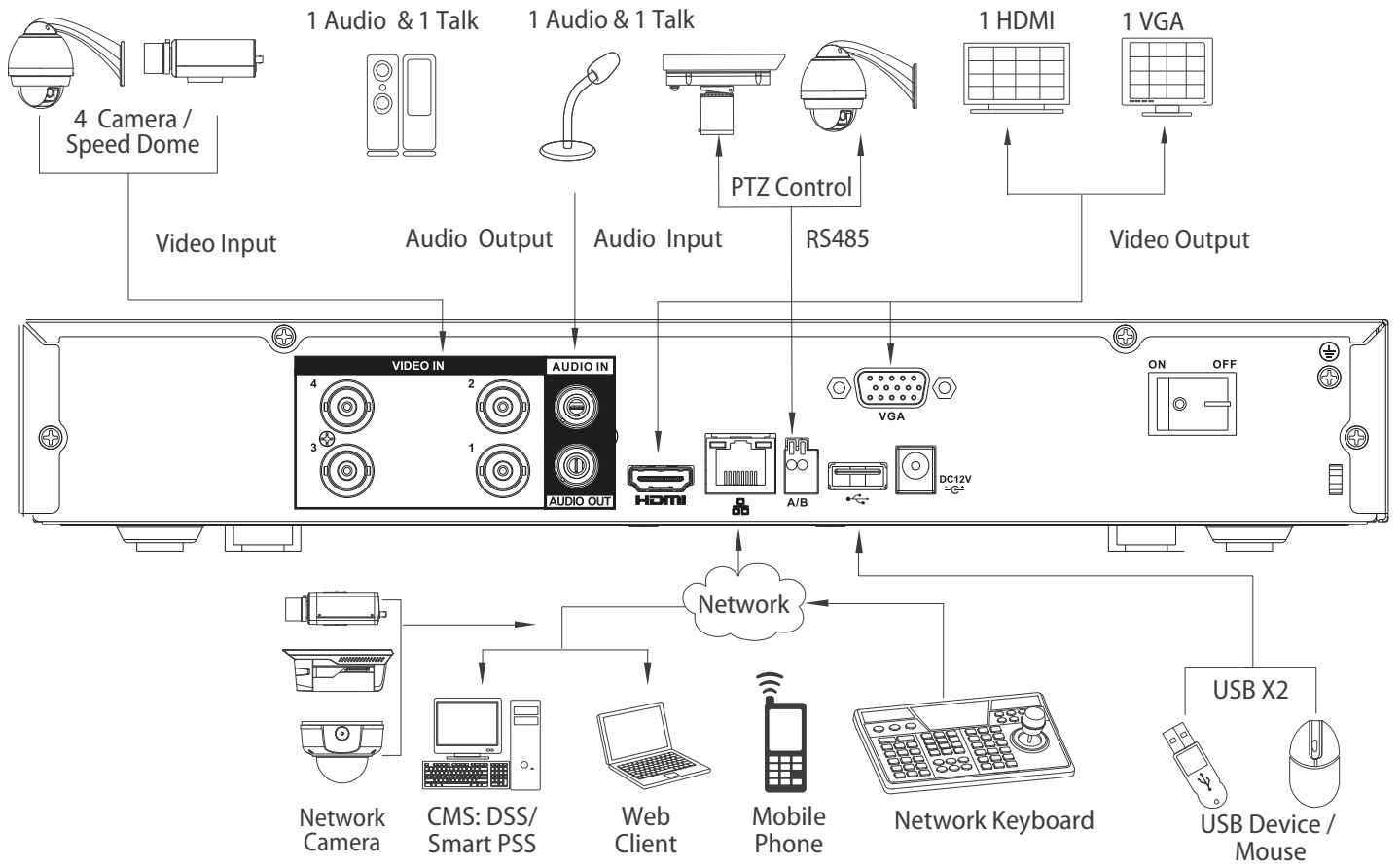
<b>Camera Input</b>	1. CVI: 4K@25/30 fps; 6 MP@20 fps; 5 MP@20 fps; 5 MP@25 fps; 4 MP@25/30 fps; 1080p@25/30 fps; 720p@25/30 fps; 720p@50/60 fps. 2. TVI: 4K@15 fps; 5 MP@20 fps; 4 MP@25/30 fps; 3 MP@25/30 fps; 1080p@25/30 fps; 720p@25/30 fps. 3. AHD: 4K@15 fps; 5 MP@20 fps; 4 MP@25/30 fps; 3 MP@25/30 fps; 1080p@25/30 fps; 720p@25/30 fps
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<b>IP Camera Input</b>	Up to 8 channels of IPC access 4 IP channels by default + 4 channels (analogue 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.
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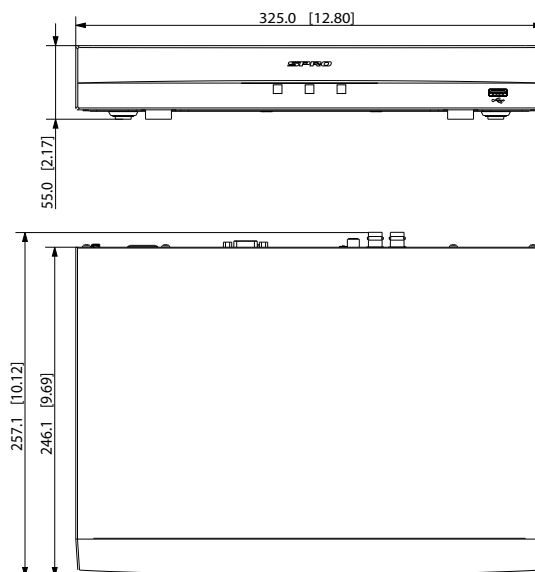
<b>Encoding Capacity</b>	Main stream: 4K@(1fps-15 fps); 6 MP@(1fps-20 fps); 5 MP, 4K-N, 4 MP, 3 MP, 1080p, 720p, 960H, D1, CIF@(1fps-25/30fps) Sub stream: 960H@(1fps-15fps); D1, CIF@(1fps-25/30fps)
<b>Dual-stream</b>	Yes
<b>Video Bit Rate</b>	32 kbps-6144kbps
<b>Audio Sampling</b>	8kHz, 16 bit
<b>Audio Bit Rate</b>	64 kbps
<b>Video Output</b>	1 VGA: 1920 × 1080, 1280 × 1024, 1280 × 720 1 HDMI: 3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720 *Simultaneous/heterogeneous video sources output for VGA and HDMI is configurable.
<b>Multi-screen Display</b>	When IP extension mode not enabled: 1/4 When IP extension mode enabled: 1/4/8/9
<b>Third-party Camera Access</b>	ONVIF; Panasonic; Sony; Axis; Arecont; Pelco; Canon; Samsung
<b>Compression Standard</b>	
<b>Video Compression</b>	AI Coding; Smart H.265+; H.265; Smart 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 22.12(Profile T; Profile S; Profile G); CGI; SDK
<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)

Storage	
<b>Disk Group</b>	Yes
Alarm	
<b>General Alarm</b>	Motion detection, video loss, tampering
<b>Anomaly Alarm</b>	No disk; storage error; disk full; camera 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 4-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 16TB. The Maximum HDD capacity varies with environment temperature.
<b>RS-485</b>	1 port, for PTZ control
<b>USB</b>	2 (1 front USB 2.0 port, 1 rear USB 3.0 port)
<b>HDMI</b>	1
<b>VGA</b>	1
<b>Network Port</b>	1 (10/100Mbps Ethernet port, RJ-45)
General	
<b>Power Supply</b>	12 VDC, 2 A
<b>Power Consumption</b>	<10 W (without HDD)
<b>Net Weight</b>	1.00 kg (2.21 lb)
<b>Gross Weight</b>	1.70 kg (3.75 lb)
<b>Product Dimensions</b>	325.0 mm × 254.2 mm × 55.0 mm (12.80" × 10.01" × 2.17") (W × D × H)
<b>Operating Temperature</b>	-10 °C to +55 °C (14 °F to +131 °F)
<b>Operating Humidity</b>	10%–90% (RH)
<b>Installation</b>	Desktop
<b>Certifications</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 FCC: Part 15 Subpart B

## Panel



## Dimensions (mm[inch])



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