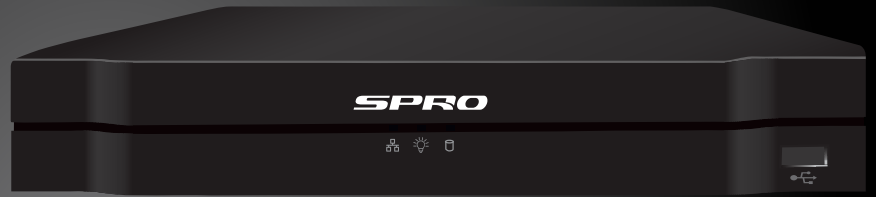


# SPRO B6<sup>®</sup>



## DHDVR12-B6-V2

16 (8 + 8) 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	DHDVR12-B6-V2
Main Processor	Industrial-grade processor
Operating System	Embedded Linux
Operating Interface	Web; Local GUI

(continued)

**Perimeter Protection****Performance**

Advanced Model: 2 channels, 10 IVS for each channel  
General Model: 8 channels, 10 IVS for each channel

**Face Detection****Face Attributes**

Gender; age group; glasses; expressions; face mask; beard

**Face Detection Performance**

2 channels (up to 12 face images/s)

**by recorder****Face Recognition****Face Database Capacity**

Up to 10 face databases and 20,000 images

**Face Recognition Performance of AI**

2 channel

**by Recorder****SMD Plus by Recorder****SMD Plus by Recorder**

8 channels: Secondary filtering for human and motor vehicle, reducing false alarms caused by leaves, rain and lighting condition change

**Audio and Video****Analog Camera Input**

8 BNC ports, supports HDCVI/AHD/TVI/CVBS auto-detect

**Camera Input**

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

**IP Camera Input**

Up to 16 channels of IPC access

8 IP channels by default + 8 channels (analog channels are converted to IP channels) incoming bandwidth: 128 Mbps, recording bandwidth: 128 Mbps and outgoing bandwidth: 128 Mbps 128 Mbps \*After IP channels are added beyond the existing channels, the AI Function (IVS, SMD, FACE) will be disabled.

**Encoding Capacity**

Main stream: 4K@(1fps-7fps); 6 MP@(1fps-10fps); 5 MP@(1fps-12fps); 4K-N, 4 MP, 3 MP@(1fps-15fps); 4M-N, 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 HDMI, 1 VGA VGA: 1920 × 1080, 1280 × 1024, 1280 × 720 HDMI: 3840 × 2160, 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; 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 21.06
<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>	1/4/9
<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)

**Alarm**

<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

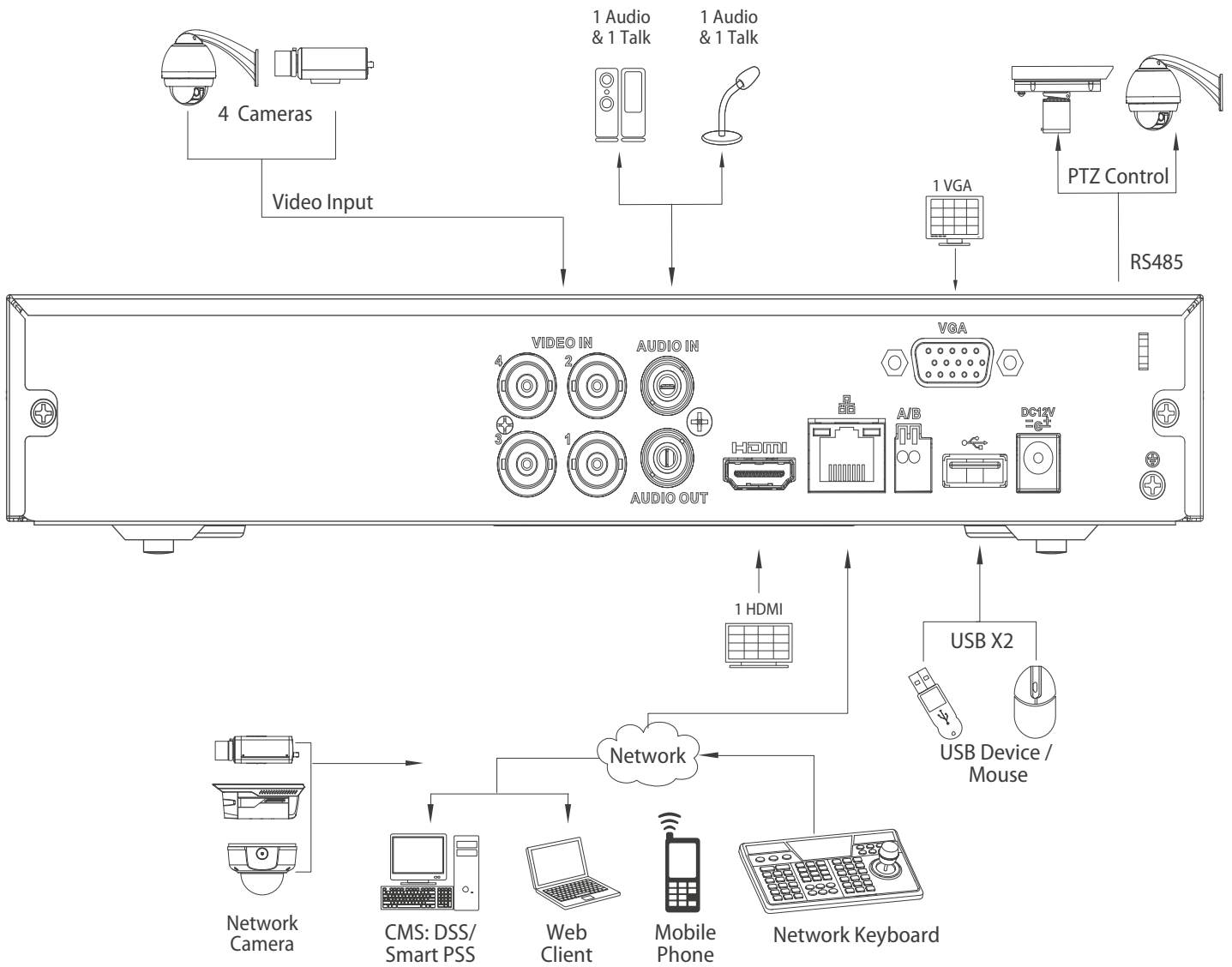
**Ports**

<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 16TB capacity for each disk. 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 (10/100/1000 Mbps 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>	1.40 kg (3.09 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>	333.0 mm × 315.0 mm × 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>	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])

