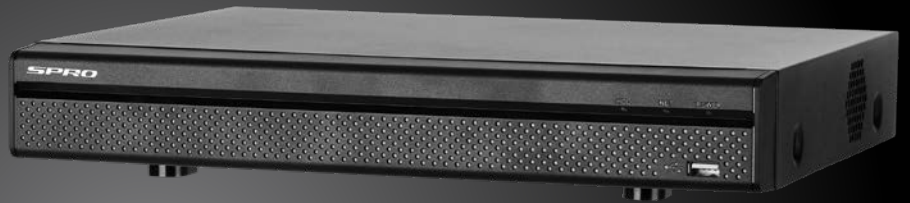# SPRO®

DHDVR12-B4-V2

12 CHANNEL 4K DVR (CVI / TVI / AHD / CVBS / IP)

POC

4K 8MP

| 12 CHANNELS | HDMI | VGA | PTZ CONTROL | H.264 | iPHONE & ANDROID PHONE VIEWING | APPLE MAC VIEWING | USB BACKUP |

Key Features:

- 12 channel recording (8 channel BNC + 4 channel 8MP IP)
- 5 IN 1 (CVI / TVI / AHD / ANALOGUE / IP)
- P2P (no port forwarding required) - Apple app/Android app/Windows PC/Apple Mac PC
- 4K(1~7fps), 5MP(1~12fps), 4MP/3MP@15fps, 1080P/720P@25fps,
- 8MP IP realtime recording
- ONVIF 2.4 compatible
- IP spot via network (no convertor required)
- 9 channel playback at the same time
- Max 12 channels IP camera inputs, each channel up to 8MP, Max 48Mbps Incoming Bandwidth
- PTZ control over 1 co-ax cable (mouse control on DVR - area zoom & scroll zoom)
- Instant playback on one channel when others are on live viewing
- Smart search & email notification (snapshot)
- Intelligent feature : Facial & Tripwire detection (BNC channel only)
- Backup footage by video clip while viewing playback

SPECIFICATIONS

Model Number		DHDVR12-B4-V2
Main Processor		Embedded processor
Operating System		Embedded LINUX
Video and Audio		
Input		12 channel (8 x BNC + 4 x IP)
Standard	5 IN 1	8 channel CVI/TVI/AHD/CVBS
	IP	4 channel (up to 8 Megapixel IP)

Analog Camera Input		8 Channel, BNC
HDCVI Camera		4K@7fps, 6MP@10fps, 5MP@12fps, 4MP@15fps, 1080P/720P@25fps
AHD Camera		1080P/720P@25fps
TVI Camera		5MP@12fps, 4MP@15fps, 1080P/720P@25fps
CVBS Camera		PAL/NTSC
IP Camera Input		4 Channel, each channel up to 8MP(4K@7fps, 6MP@10fps, 5MP@12fps)
Audio In/Out		1/1, RCA
Two-way Talk		Reuse audio in/out, RCA

Display

Interface		1 HDMI, 1 VGA
Resolution	HDMI	3840×2160, 2560×1440, 1920×1080, 1280×1024, 1280×720, 1024×768
	VGA	1920×1080, 1280×1024, 1280×720, 1024×768
Display Split		1/4/8/9/16
OSD		Camera title, Time, Video loss, Camera lock, Motion detection, Recording

Recording

Video/Audio Compression		H.264+/H.264
Resolution		4K, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, 960H, D1, CIF, QCIF
Record Rate	Main Stream	4K(7fps),6MP(10fps),5MP(12fps),4MP/3MP(15fps),1080P/720P/960H/D1/CIF/QCIF (25fps)
	Extra Stream	960H(1~15fps), D1/CIF/QCIF(1~25fps)
Bit Rate		1Kbps ~ 8192Kbps Per Channel
Record Mode		Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
Record Interval		1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec

Video Detection

Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss, Tampering and Diagnosis

Playback & Backup

Sync Playback	1/4/9
Search Mode	Time/Date, MD & Exact search (accurate to second)

Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom
Backup Mode	USB Device/Network

Network

Interface	1 RJ-45 port (1000M)
Network Functions	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE,DDNS, FTP, Alarm Server, P2P,IP Search
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android Phone
Interoperability	ONVIF 2.4

Storage

Internal HDD	1 SATA port, up to 6TB

Auxiliary Interface

USB Interface	2 ports(1 Rear), 1 USB 3.0 & 1 USB 2.0
RS485	1 port, For PTZ Control

General

Power Supply	DC48V/1.5A
Power Consumption	<10W (without HDD)
Working Environment	-10°C ~+55°C / 0%~90%RH
Dimensions	Compact 1U, 325mm × 255mm × 55mm
Weight	1.35 KG(without HDD)

4 Camera / Speed Dome

1 Audio & 1 Talk

1 Audio & 1 Talk

1 HDMI

1 VGA

PTZ Control

Video Input

Audio Output

Audio Input

VIDEO IN

Video Output

RS485

VIDEO IN

8 6 4 2

7 5 3 1

AUDIO IN

AUDIO OUT

HDMI

A/B

DC12V

VGA

ON OFF

Network

USB X2

Network Camera

CMS: SPRO CSS

Web Client

Mobile Phone

Network Keyboard

USB Device / Mouse