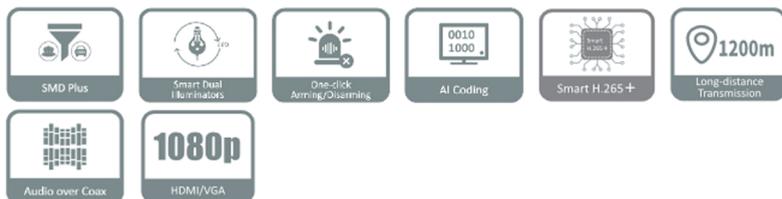


# HiView Digital Video Recorder

## 4 Channel Pentabrid 1080N/720P 1U 1HDD DVR

### XVR04-I



#### Key Feature

- H.265+/H.265 dual-stream video compression.
- Supports Full channel AI-Coding.
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs.
- Max 5 channels IP camera inputs, each channel up to 2MP; Max 20 Mbps incoming bandwidth.
- Long transmission distance over coax cable.
- Up to 4 channels video stream (analog channel) SMD PI

#### AI Coding

Compared with H.265/H.264, AI coding can reduce more than 50% bit rate and storage requirements without loss of decoding compatibility, providing clear human and vehicle details.

#### Smart H.265+

Smart H.265+ Codec reduces bit rate and storage requirements by up to 90%, outranking standard H.264 video compression and eliminating the need to invest in a new camera.

#### Long-distance Transmission

The HDCVI system supports long distance transmission over coaxial cable and UTP, max. 700 m for 4K/4MP, 800 m for 1080P and 1200 m for 720p.

#### Audio over Coax

The integrated design can reduce wiring troubles which makes it much more cost-effective and convenient for installation.

## Technical Specification

System	
Main Processor	Industrial-grade processor
Operating System	Embedded Linux
Operating Interface	Web; Local GUI

## SMD Plus

SMD Plus by Recorder	4-channel: 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

Analog Camera Input	4 channels, BNC; adaptive access by default; HDCVI, AHD, TVI and CVBS access can be configured
Camera Input	1. CVI: 1080p@25/30 fps; 720p@25/30/50/60 fps. 2. TVI: 1080p@25/30 fps; 720p@25/30 fps. 3. AHD: 1080p@25/30fps, 720p@25/30 fps.
IP Camera Input	Up to 5 channels of IPC access. 1 IP channel by default + 4 channels (analog channels are converted to IP channels) incoming bandwidth: 20 Mbps, recording bandwidth: 20 Mbps and outgoing bandwidth: 20 Mbps *After IP channels are added beyond the existing channels, the AI Function (SMD) will be disabled.
Encoding Capacity	Main stream: All channel 1080N@ (1-25/30 fps); 720p@ (1-25/30 fps); 960H@ (1-25/30 fps); D1@ (1-25/30 fps); CIF@ (1-25/30 fps) Sub stream: CIF@ (1-15 fps)
Dual-stream	Yes
Video Frame Rate	PAL: 1 fps/s-25 fps/s NTSC: 1 fps/s-30 fps/s
Video Bit Rate	32 kbps-4096 kbps
Audio Sampling	8 kHz, 16 bit
Audio Bit Rate	64 kbps
Video Output	1 HDMI, 1 VGA HDMI/VGA: 1920 × 1080, 1280 × 1024, 1280 × 720
Multi-screen Display	When IP extension mode not enabled: 1/4 When IP extension mode enabled: 1/4/6
Third-party Camera Access	ONVIF; RTSP; Panasonic; Sony; Axis; Arecont; Pelco; Canon; Samsung

## Compression Standard

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

## Network

Network Protocol	HTTP; HTTPS; TCP/IP; IPv4; RTSP; UDP; SMTP; NTP; DHCP; DNS; DDNS; P2P
Mobile Phone Access	iOS; Android
Interoperability	ONVIF 20.16, CGI Conformant
Browser	Chrome IE 9 or later Firefox
Network Mode	Single-address mode

Recording Playback	1/4
Backup Method	USB device and network
Playback Mode	Instant playback, general playback, event playback, tag playback, smart playback (motion detection)

## Alarm

General Alarm	Motion detection; video loss; tampering; local alarm
Anomaly Alarm	No disk, disk error, low space, offline, ip conflict, MAC conflict
Intelligent Alarm	SMD Plus
Alarm Linkage	Record, snapshot (panoramic), voice prompt, buzzer, log, preset, email

## Ports

Audio Input	1-channel RCA 4-channel BNC (Coaxial Audio)
Audio Output	1-channel RCA
Two-way Talk	Yes (share the same audio input with the first channel)
HDD Interface	1 SATA port, up to 6 TB. The maximum HDD capacity varies with environment temperature.
USB	2 (2 rear USB 2.0 ports)
HDMI	1
VGA	1
Network Port	1 (10/100 Mbps Ethernet port, RJ-45)

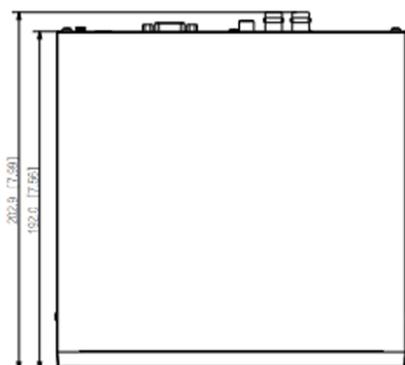
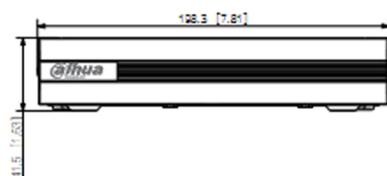
## General

Power Supply	12 VDC, 1.5 A
Power Consumption	<7 W (without HDD)
Net Weight	0.57 kg (1.25 lb)
Gross Weight	1.08 kg (2.38 lb)
Product Dimensions	198.3 mm × 202.9 mm × 41.5 mm (7.81" × 7.99" × 1.63") (W × D × H)
Packaging Dimensions	330.0 mm × 256.0 mm × 101.0 mm (13.00" × 10.10" × 4.00") (W × D × H)
Operating Temperature	-10 °C to +45 °C (+14 °F to +113 °F)
Operating Humidity	0%-90% (RH)
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

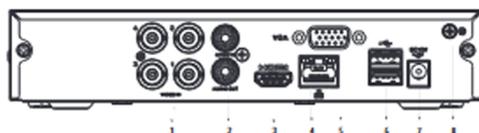
## Ordering Information

Type	Model	Description
4 Channels WizSense XVR	DH-XVR1804-I	Cooper 1U WizSense Digital Video Recorder

### Dimensions (mm[inch])



### Panels



- |               |                               |
|---------------|-------------------------------|
| 1 VIDEO IN    | 2 AUDIO IN/OUT, RCA Connector |
| 3 HDMI Port   | 4 Network Port                |
| 5 VGA Port    | 6 USB Ports                   |
| 7 Power Input | 8 Ground                      |