

V2524-H1 Series

HD Video Decoder

Infinova[®]
The Integrator's Manufacturer

For the latest data sheet, please visit www.sunnywale.com



- **H.264 HD video decoding**
- **Real time 2048×1536/1080P/1600×1200/960P/720P/D1/ CIF/QCIF video decoding**
- **Screen division 1/4/9/16, with 1 divisional screen up to 2048×1536, 4 divisional screens up to 1080P and 9/16 divisional screens up to D1**
- **OSD character-overlapping**
- **G.711 audio decoding**
- **Supports ONVIF2.0**
- **Supports to control PTZ cameras via RS422**
- **Supports HDMI/DVI-D HD video output and BNC SD video output, with standalone module and rack style optional**
- **Configures system parameters via Web server**
- **Multiple users access simultaneously**
- **Multilevel user password protection to prevent unauthorized operation**

V2524-H1 Series HD Decoders/Decoding Cards use powerful digital signal processing technology to decode front-end devices manufactured by our company, such as -G, -T and -H series HD products, -N series SD products, V2511-K, V2511-N and V2531-S encoder and V3061 DVR, and to decode third party front-end devices (ONVIF 2.0-compliant). Besides, it provides real-time H.264 video decoding and supports real time 2048×1536/1080P/1600×1200/960P/720P/D1/ CIF/QCIF video decoding.

V2524-H1 Series HD decoder supports HDMI/DVI-D HD video output and BNC SD video output, and features powerful network remote control capability. Web server or client software can be used to configure video decoder's network channel and video decoding parameters. Besides, it supports to control PTZ cameras via RS422, and provide multilevel user password protection to ensure system security.

V2524-H1 Series standalone HD decoder is designed in single card with separate power supply, featuring in compact size, light weight, low power consumption and low heat generation.

The N3913 series chassis is designed with multiple slots, and supports plug and play.

Technical specifications

Video Decoding	H.264
Decoding Capacity	1 divisional screen supports up to 2048×1536, 4 divisional screens up to 1080P and 9/16 divisional screens up to D1
Video Output	1-ch video output, supports HDMI, DVI and CVBS
Screen Division	1/4/9/16
Audio Encoding and Decoding Standard	G.711
Audio Output	1 linear level output
Network Interface	RJ-45, 10M/100M/1000M Base-T self-adaptive
Network Protocol	TCP/IP, HTTP, SNMP, UDP, RTP, NTP etc.
Control Port	1, RS422
Power Supply	Standalone module: 12VDC/24VAC Rack style: 100VAC~240VAC
Power Consumption	Standalone module: ≤7W Rack style (full load): ≤110W
Operating Temperature	14°F~122°F (-10°C~50°C)
Storage Temperature	-4°F~140°F (-20°C~60°C)

Mechanical Specifications (standalone module)

Chassis Size (H×W×D)	6.22"×1.77"×9.17" (158mm×45mm×233mm)
Package Size (L×W×H)	11.97"×10.39"×4.09" (304mm×264mm×104mm)
Net weight	1.76 lbs. (0.80 kg)
Shipping weight	3.53 lbs. (1.6 kg)

Mechanical Specifications (rack style)

Chassis Size	3U standard
Net Weight	17-card single power chassis: 15.65lbs. (7.1kg)
Mounting	19" EIA standard rack mount
Package Size (L×W×H)	20.47"×15.75"×9.84" (520 mm×400 mm×250 mm)

Certifications and Approval

Product	CE, FCC, ISO 9001:2008
Certifications	

Ordering information

V2524-H1H4	Embedded Video Decoder, 1V out; 12VDC/24VAC
V2524-H1H	Embedded Video Decoding Card
N3913-17S1	19" chassis, single power supply, 17 slots (Up to 7 cards are inserted, and should be inserted at interval for heat dissipation), power supply included

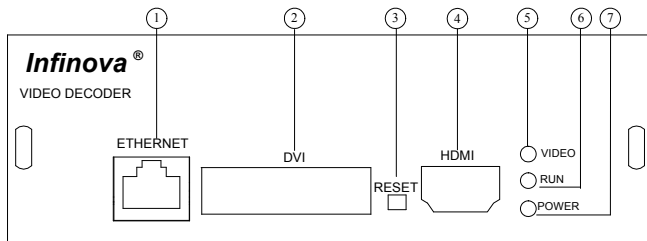
COMPATIBLE FRONT-END DEVICES

-G, -T and -H series HD products
 -N series SD products
 V2511-K, V2511-N and V2531-S encoder
 V3061 DVR
 Third party front-end devices (ONVIF 2.0-compliant)

Panel diagrams

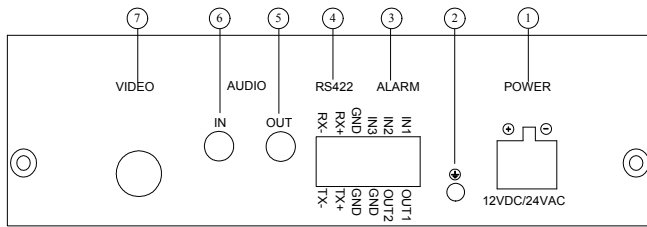
V2524-H1H4 Standalone Module

Front Panel



- (1) Ethernet port & Network status indicator
- (2) DVI port
- (3) Reset button
- (4) HDMI port
- (5) Video output status indicator
- (6) System status indicator
- (7) Power indicator

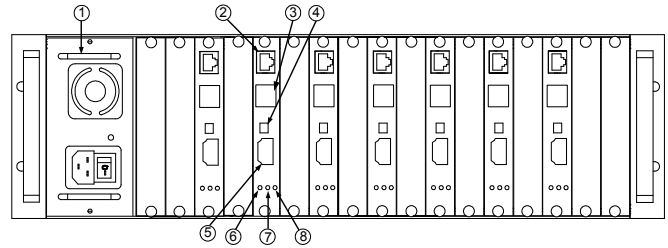
Rear Panel



- (1) Power Interface
- (2) GND interface
- (3) Alarm interface (reserved)
- (4) RS-422 control signal port
- (5) Audio output port
- (6) Audio input port (reserved)
- (7) BNC output port

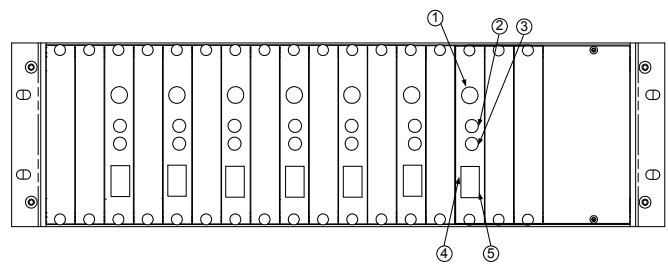
V2524-H1H Rack Style

Front Panel



- (1) Power supply
- (2) Ethernet port & Network status indicator
- (3) DVI port
- (4) Reset button
- (5) HDMI port
- (6) Power indicator
- (7) System status indicator
- (8) Video output status indicator

Rear Panel



- (1) BNC output port
- (2) Audio input port (reserved)
- (3) Audio output port
- (4) Alarm interface (reserved)
- (5) RS-422 control signal port