



WISENET SPD-152 1 Monitor Decoder Owner's Manual

[Home](#) » [WISENET](#) » WISENET SPD-152 1 Monitor Decoder Owner's Manual 

Contents

- [1 WISENET SPD-152 1 Monitor Decoder](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 SPD-152](#)
- [5 Key Features](#)
- [6 Specifications](#)
- [7 CAD](#)
- [8 Documents / Resources](#)
 - [8.1 References](#)
- [9 Related Posts](#)



WISENET SPD-152 1 Monitor Decoder



Product Information

The SPD-152 is a monitor decoder manufactured by Hanwha Techwin Co., Ltd. It is a compact device designed to decode and display video feeds from surveillance cameras. The decoder supports various video formats and resolutions, providing high-quality video output.

Key Features:

- **CPU:** Embedded CPU
- **Operating System:** Embedded Linux
- **Video Output:** HDMI#1, HDMI#2
- **Video-out Format:** 3840 X 2160@30Hz, 2560 X 1440@30Hz, 1920 X 1080@60Hz, 1280 X 1024@60Hz, 1280 X 720@60Hz
- **External Network:** Ethernet
- **USB:** 2EA (USB 2.0)
- **LED:** Power, Network
- **Bandwidth:** Max. 150Mbps
- **Operating Temperature:** N/A (not specified)
- **Operating Humidity:** N/A (not specified)
- **Power Input:** 12VDC, PoE (IEEE802.3af)
- **Power Consumption:** Max. 11.0W (12V DC), Max. 12.95W (PoE)
- **Color / Material:** Black / Metal&Plastic
- **Dimension (WxHxD):** 140 x 29.5 x 115.4mm
- **Weight:** 260g
- **Video Codec:** H.265 / H.264 / MJPEG
- **Max. Decoding Performance:** 8M@60fps, 2M@360fps
- **Division (/Monitor):** Clone mode (HDMI#1) Max. 64, Expand mode (HDMI#1) Max. 36, (HDMI#2) Max. 25
- **Audio Management:** G.711 / G.726 / AAC
- **Time Setting:** Local UI, Web-Viewer
- **Export/Import Log:** NTP/Manual
- **Protocol:** RTP, RTSP, HTTP, CGI (SUNAPI), ONVIF
- **Security:** IP address filtering, User access Log, 802.1x, Encryption, Device certificate(Hanwha Techwin Root CA), Signed firmware

Product Usage Instructions

To use the SPD-152 monitor decoder, follow these steps:

1. Ensure that the decoder is properly connected to the surveillance camera system via Ethernet.
2. Connect the desired monitor or display to the decoder using HDMI#1 or HDMI#2.
3. Power on the decoder using either a 12VDC power source or PoE (IEEE802.3af).
4. Wait for the decoder to boot up and establish a network connection.
5. Access the decoder's Local UI or Web-Viewer to configure settings and manage video feeds.
6. Configure the video output format and resolution according to your preference using the available options.
7. Manage audio settings if required, selecting from G.711, G.726, or AAC codecs.
8. Set the desired time settings for the decoder's operation.
9. Export or import logs as needed, using NTP or manual configuration.

10. Ensure proper security measures are in place, such as IP address filtering, user access logs, 802.1x, encryption, and device certificate (Hanwha Techwin Root CA).
11. Regularly check for firmware updates and install signed firmware provided by Hanwha Techwin Co., Ltd.

For more detailed information and specifications, refer to the official product documentation available at hanwha-security.com.

SPD-152

1 Monitor Decoder



Key Features

- Max 64ch, 8M@60fps decoding performance
- Dual HDMI display port(HDMI#1 UHD, HDMI#2 FHD)
- Various installation : Monitor-Back and Pole mount
- ONVIF, SUNAPI, RTSP
- PoE and DC 12V Dual power

Specifications

Specifications		
System		
CPU		Embedded CPU
Operating Sys tem		Embedded Linux
Video Output	HDMI#1	1EA (up-to 4K), Audio support
	HDMI#2	1EA (up-to 1080p), Audio not support
	Video-out Fo rmat	3840 X 2160@30Hz (HDMI#1) 2560 X 1440@30Hz (HDMI#1) 1920 X 1080@60Hz (HDMI#1, HDMI#2) 1280 X 1024@60Hz (HDMI#1, HDMI#2) 1280 X 720@60Hz (HDMI#1, HDMI#2)
External	Ethernet	1EA (10/100/1000BASE-T)

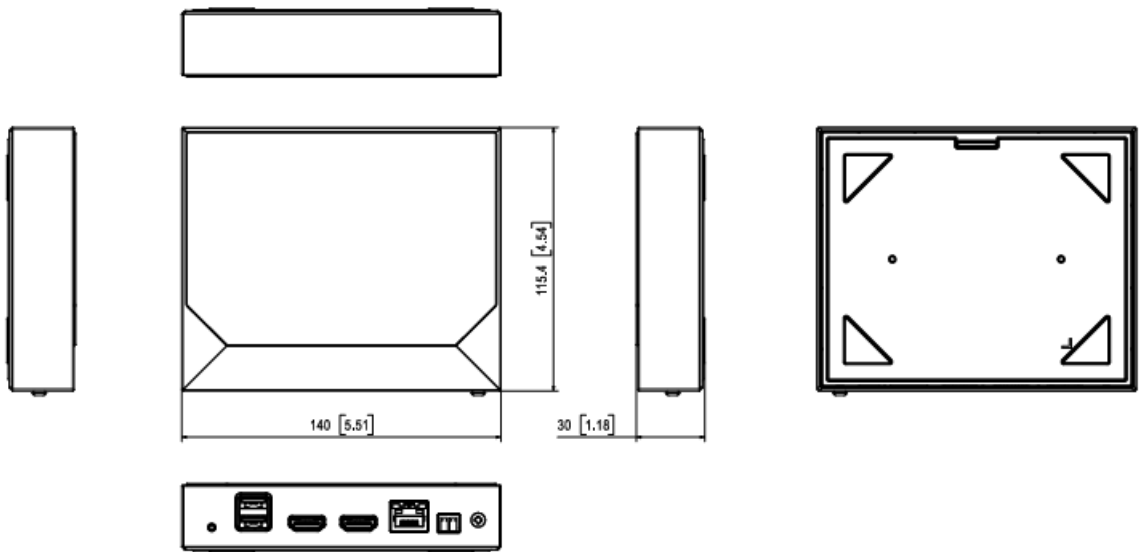
	USB	2EA(USB 2.0)
	LED	Power, Network
Network	Bandwidth	Max. 150Mbps
Environmental		
Operating Temperature		0°C to +40°C (32°F to 104°F)
Operating Humidity		20% ~ 85% RH
Electrical		
Power Input		12VDC, PoE (IEEE802.3af)
Power Consumption		Max. 11.0W (12V DC), Max. 12.95W (PoE)
Mechanical		
Color / Material		Black / Metal&Plastic
Dimension (W xHxD)		140 x 29.5 x 115.4mm
Weight		260g
Software		
Video	Codec	H.265 / H.264 / MJPEG
	Max. Decoding	8M@60fps, 2M@360fps
	Division (/Monitor)	Clone mode
	(HDMI#1) Max. 64 Expand mode (HDMI#1) Max. 36 (HDMI#2) Max. 25	
	Layout	Up to 20, Sequence support
Audio	Codec	G.711 / G.726 / AAC
Management		Local UI, Web-Viewer

Time Setting		NTP/Manual
Export/Import		Configuration Export/Import
Log		Max. 100,000 (System log)
Protocol		RTP, RTSP, HTTP, CGI (SUNAPI), ONVIF
Security		IP address filtering, User access Log, 802.1x, Encryption, Device certificate(Hanwha Techwin Root CA), Signed firmware

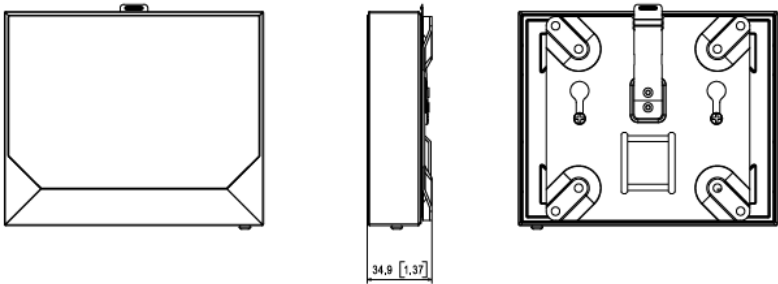


CAD

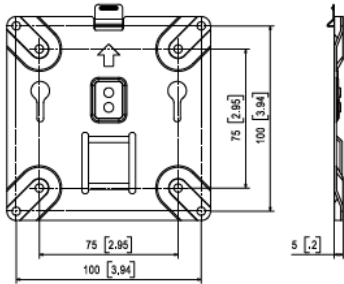
SPD-152



Assembly with MULTI ADAPTOR



MULTI ADAPTOR



DRAWING NAME	APPEARANCE DRAWING
MODEL NAME	SPD-152

Design and specifications are subject to change without notice. The latest product information / specification can be found at hanwha-security.com
Hanwha Techwin Co., Ltd. All rights reserved.10-2022

Documents / Resources

	WiSeNeT SPD-152 1 Monitor Decoder [pdf] Owner's Manual SPD-152 1 Monitor Decoder, SPD-152 1, Monitor Decoder, Decoder
---	--

References

-  [Hanwha Vision - Global Vision Solution Provider](#)