

# SPD-1660R/260B

16 Monitor Network Decoder /  
2 Monitor Decoder Board for SPD-1660R(Optional)



SPD-1660R



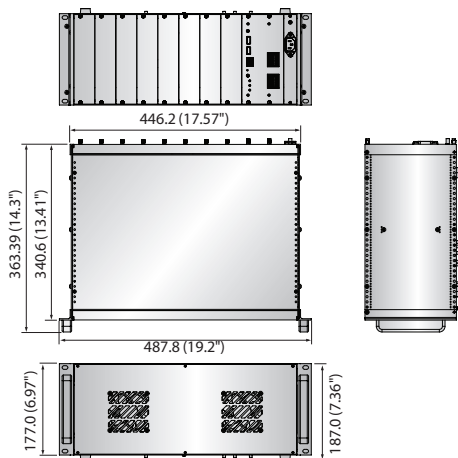
SPD-260B (optional)

## Key Features

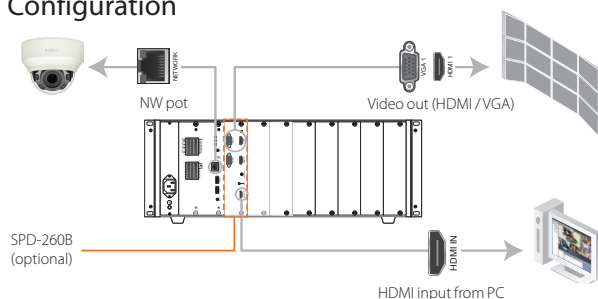
- Max. 16 monitors (HDMI 16ea / VGA 16ea)  
- HDMI / VGA : Clone
- Max. 4K resolution support
- Video decoding up to 12MP resolution camera
- Decoding bandwidth : 600Mbps
- H.265, H.264, MJPEG support
- Various view mode : 1 / 4 / 6 / 8 / 9 / 13 / 16 / 2V / 3V
- Up to 20 Layout sequence per each monitor
- Monitor merge : 1x2, 2x1, 2x2, 2x3, 3x2, 2x4, 2x5, 4x2, 3x3, 3x4, 4x3, 4x4, 3x5, 5x3, 5x2
- Manage using SSM and web viewer

## Dimensions

Unit : mm (inch)



## Configuration



		SPD-1660R
<b>HARDWARE</b>		
Video Output	HDMI	Max. 16ea (8ea : up to 4K, 8ea : up to 1080p)
	VGA	Max. 16ea (up to 1080p)
	Format	HDMI1 : 3840 x 2160@60Hz/30Hz, 2560 x 1440@60Hz/30Hz 1920 x 1080@60Hz, 1280 x 1024@60Hz, 1280 x 720@60Hz HDMI2 : 1920 x 1080@60Hz, 1280 x 1024@60Hz, 1280 x 720@60Hz VGA1/VGA2 : 1920x1080@60Hz, 1280x1024@60Hz, 1280x720@60Hz
Video Input	HDMI	1ea per each board
	Format	1920 x 1080@60Hz, 1280 x 720@60Hz
External	Ethernet	1ea (10/10/1,000 BASE-T)
	Serial	RS-485 1ea (Reserved), Half duplex
	USB	USB 2.0 2ea (Reserved)
	Audio Out	1ea
	Alarm In / Out	16ea / 8ea
Electrical	LED	Power, Decoding operation, Network
	Power	100 ~ 240V AC ±10%, 50/60Hz
Environmental	Power Consumption	Max. 90W (with 8 SPD-260B installed)
	Operating Temperature	+0°C ~ +40°C (+32°F ~ 104°F)
	Humidity	20% ~ 85% RH
Mechanical	Color / Material	Black
	Dimension (WxHxD)	487.8 x 187.0 x 363.4mm (19.2" x 7.36" x 14.3")
	Weight	6.79 kg (without SPD-260B) (14.97 lb)
<b>SOFTWARE</b>		
Operating System		Embedded Linux
Video	Codec	H.265 / H.264 / MJPEG
	Max. Channel	32CH 4K@30fps, 48CH 5M@30fps, 64CH 4M@30fps 80CH 3M@30fps, 128CH 2M (1080P)@30fps
	Camera Resolution	30fps@8MP, up to 12MP
	Max. Bandwidth (Network / Decoding)	512Mbps / 600Mbps
	Division (monitor)	(HDMI) 1 / 4 / 6 / 8 / 9 / 13 / 16 / 2V / 3V ※ VGA is output on the same screen as HDMI
	Layout	Supports up to 20 per monitor, Supports sequence
Audio	Codec	G.711, G.726, AAC
Monitor Merge		1x2, 2x1, 2x2, 2x3, 3x2, 2x4, 2x5, 4x2, 3x3, 3x4, 4x3, 4x4, 3x5, 5x3, 5x2
Management		SSM, Web-Viewer
Time Setting		NTP / Manual
Export / Import		Configuration Export / Import
Log		Max. 20,000 (System log)
Protocol		SUNAPI (2.3 or above), SVNIP

		SPD-260B
<b>HARDWARE</b>		
Video Output	HDMI	2ea (1ea : up to 4K, 1ea : up to 1080p)
	VGA	2ea (up to 1080p)
	Format	HDMI1 : 3840 x 2160@60Hz/30Hz, 2560 x 1440@60Hz/30Hz 1920 x 1080@60Hz, 1280 x 1024@60Hz, 1280 x 720@60Hz HDMI2 : 1920 x 1080@60Hz, 1280 x 1024@60Hz, 1280 x 720@60Hz VGA1/VGA2 : 1920 x 1080@60Hz, 1280 x 1024@60Hz, 1280 x 720@60Hz
Video Input	HDMI	1ea
	Format	1920 x 1080@60Hz, 1280 x 720@60Hz
LED		Decoding operation
Electrical	Power	12V / 5V / 3.3V
	Power Consumption	Max, 9W
Environmental	Operating Temperature	+0°C ~ +40°C (+32°F ~ 104°F)
	Humidity	20% ~ 85% RH
Mechanical	Dimension (WxHxD)	173.6 x 40.4 x 158.9mm (8.84" x 1.59" x 6.26")
	Weight	284g (0.63 lb)
<b>SOFTWARE</b>		
Codec		H.265 / H.264 / MJPEG
Video	Support Resolution	5M (2592 x 1944), 3M (2048 x 1536), 2M (1920 x 1080, 1600 x 1200) 1.3M and below (1280 x 1024, 1280 x 960, 1280 x 720, 800 x 600 720 x 576, 704 x 576, 640 x 480, 640 x 360, 352 x 288, 320 x 240 320 x 180, 176 x 144) Hallway mode (1080 x 1920, 720 x 1280)
	Max. Channel	4CH 4K@30fps, 16CH 2M (1080P)@30fps
	Max. Decoding Resolution	30fps@8MP, up to 12MP
	Division (monitor)	(HDMI) 1 / 4 / 6 / 8 / 9 / 13 / 16 / 2V / 3V ※ VGA is output on the same screen as HDMI
Layout		Up to 20ea / Monitor, Sequence support
Audio	Codec	G.711, G.726, AAC

\* The latest product information / specification can be found at hanwha-security.com

\* Design and specifications are subject to change without notice.

\* Wisenet is the proprietary brand of Hanwha Techwin, formerly known as Samsung Techwin.