

SPD-1660R/260B

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



SPD-1660R



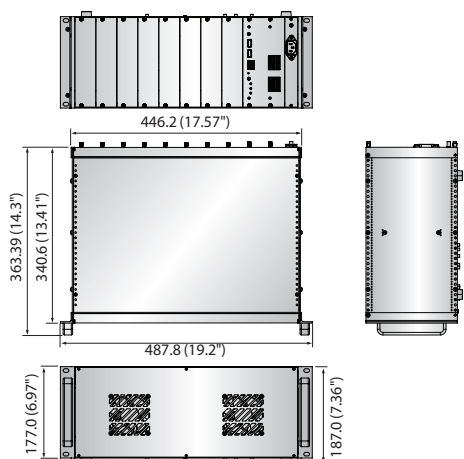
SPD-260B (optional)

Key Features

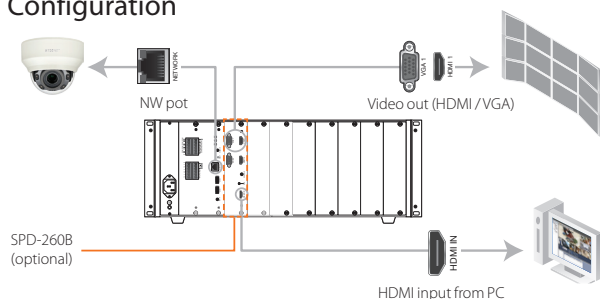
- Max. 16 monitors (HDMI 16ea / VGA 16ea)
- HDMI / VGA : Clone
- Max. 4K resolution support
- Video decoding up to 12MP resolution camera
- Decoding bandwidth : 600Mbps
- H.265, H.264, MJPEG support
- Various view mode : 1 / 4 / 6 / 8 / 9 / 13 / 16 / 2V / 3V
- Up to 20 Layout sequence per each monitor
- 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 |
|------------------|-------------------------------------|---|
| HARDWARE | | |
| 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) |
| SOFTWARE | | |
| 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 |
| Audio | Layout | Supports up to 20 per monitor, Supports sequence |
| | 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 |
|-----------------|--------------------------|--|
| HARDWARE | | |
| 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) |
| SOFTWARE | | |
| Codec | | H.265 / H.264 / MJPEG |
| Video | Support Resolution | 12MP (4000x3000), 8MP (4096x2160), 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 | Layout | |
| | 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.