

Ultra-HD Network Video Decoder



- Smart H.265+ and Smart H.264+ Dual Codec
- Ultra-high Decoding Capability, up to 32 MP
- Two HDMI Inputs and Two DVI-I Inputs
- Six HDMI Outputs with User-defined Resolution
- Supports up to Four (4) Video-wall Display Units
- Supports Screen Splice Control for Zoom, Merge, Roam, and Overlay
- Supports LCD/DLO/LED Video Walls
- Alarm, RS485, and RS232 Interfaces



Technical Specification

System

| | |
|------------------|------------------------------|
| Processor | Embedded Intel x86 Processor |
| Operating System | LINUX |

Performance

| | |
|-------------------|---|
| Video Compression | Smart H.265+, H.265, Smart H.264+, H.264, MPEG-4, MPEG-2, MJPEG, SVAC |
|-------------------|---|

| | Port 1, 2, 3 | Port 4, 5, 6 |
|--------------------------------|--|--|
| Decoding Capacity, per channel | 1ch of 32 MP at 25 fps 3ch of 12 MP at 15 fps 4ch of 8 MP at 30 fps 16ch of 1080p at 30 fps 36ch at 720p at 30 fps 64ch of D1 at 30 fps | 1ch of 32 MP at 25 fps 3ch of 12 MP at 15 fps 4ch of 8 MP at 30 fps 16ch of 1080p at 30 fps 36ch at 720p at 30 fps 64ch of D1 at 30 fps |

| | |
|----------------------|---|
| Total Video Decoding | 2ch of 32 MP at 25 fps 6ch of 12 MP at 15 fps 8ch of 8 MP at 30 fps 32ch of 1080p at 30 fps 72ch of 720p at 30 fps 128ch of D1 at 30 fps |
|----------------------|---|

| | |
|---------------------|---|
| Decoding Resolution | 32 MP, 12 MP, 8 MP, 6 MP, 5 MP, 4 MP, 3 MP, 1080p, 720p, 960H, D1, HD1, 2CIF, CIF, QCIF |
|---------------------|---|

| | |
|--------------|------------------------|
| Video Output | HDMI: Six (6) Channels |
|--------------|------------------------|

| | |
|-------------|-----------------------------------|
| Video Split | 1/4/6/8/9/16/25/36 and Free Split |
|-------------|-----------------------------------|

| | |
|--------------------|--|
| Display Resolution | 3840 x 2160, 2048 x 1152, 1920 x 1200, 1920 x 1080, 1280 x 1024, 1280 x 720, 1024 x 768 (only 4 ports support 3840 x 2160, the remaining 2 ports support 2560 x 1600) |
|--------------------|--|

| | |
|-------------|---|
| Video Input | HDMI: Two (2) Channels DVI-I: Two (2) Channels |
|-------------|---|

| | |
|------------------|--|
| Input Resolution | 3840 x 2160 (HDMI 1) 1920 x 1080, 1600 x 1200, 1680 x 1050, 1440 x 900, 1400 x 1050, 1366 x 768, 1280 x 1024, 1280 x 960, 1280 x 800, 1280 x 720, 1152 x 864, 1024 x 768, 800 x 600 |
|------------------|--|

Interface

| | |
|--------------|--|
| Network | Two (2) RJ45 (10/100/1000 Mbps) Ethernet Ports |
| RS232 | One (1) DB9 Port Two (2) RJ45 Ports |
| RS485 | One (1) Port |
| Alarm Input | Four (4) Channels |
| Alarm Output | Four (4) Relays (30 VDC 1 A, 125 VAC, 0.5 A) |

Power, Environment, Construction

| | |
|------------------------|--|
| Power Supply | 100 VAC to 240 VAC, 50/60 Hz |
| Power Consumption | ≤70 W |
| Working Temperature | -10 °C to +55 °C (14 °F to 131 °F) |
| Working Humidity | 10% to 95%, 86 Kpa to 106 Kpa |
| Dimensions (W x D x H) | 1.5U, 440.0 mm x 412.80 mm x 72.0 mm (17.32 in. x 16.25 in. x 2.83 in.) |
| Weight | 4.80 kg (10.60 lb) |

Dimensions (mm/in.)

