

# 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
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	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
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Decoding Resolution	32 MP, 12 MP, 8 MP, 6 MP, 5 MP, 4 MP, 3 MP, 1080p, 720p, 960H, D1, HD1, 2CIF, CIF, QCIF
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Video Output	HDMI: Six (6) Channels
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Video Split	1/4/6/8/9/16/25/36 and Free Split
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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)
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Video Input	HDMI: Two (2) Channels DVI-I: Two (2) Channels
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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
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### 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.)

