**Technical Specification** 



## Ultra-HD Network Video Decoder

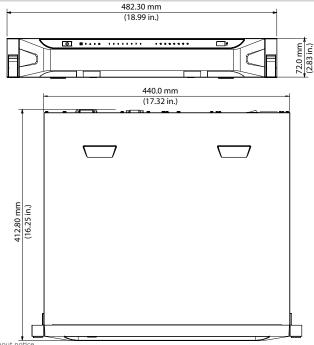


- Smart H.265+ and Smart H.264+ Dual Codec
- Ultra-high Decoding Capability, up to 32 MP
- Two HDMI Inputs and Two DVI-I Inputs
- Six HDMI Outputs with User-defined Resolution
- Supports up to Four (4) Video-wall Display Units
- Supports Screen Splice Control for Zoom, Merge, Roam, and Overlay
- Supports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



## Interface Network Two (2) RJ45 (10/100/1000 Mbps) Ethernet Ports One (1) DB9 Port RS232 Two (2) RJ45 Ports RS485 One (1) Port Alarm Input Four (4) Channels Four (4) Relays (30 VDC 1 A, 125 VAC, 0.5 A) Alarm Output Power, Environment, Construction 100 VAC to 240 VAC, 50/60 Hz Power Supply Power Consumption ≤70 W -10 °C to +55 °C (14 °F to 131 °F) Working Temperature Working Humidity 10% to 95%, 86 Kpa to 106 Kpa 1.5U, 440.0 mm x 412.80 mm x 72.0 mm Dimensions (W x D x H) (17.32 in. x 16.25 in. x 2.83 in.) Weight 4.80 kg (10.60 lb)

## Dimensions (mm/in.)



	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,	

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