Technical Specification



Ultra-HD Network Video Decoder



- Provides Real-time Decoding
- Smart H.265+, H.265, H.264, MPEG4, MJPEG Video Compression
- Ultra-high Decoding Capability, up to 12 MP on Three (3) Channels
- HDMI/VGA Output; HDMI Supports 4K Output
- Supports 1/4/9/16/25/36/64 Split-screen Display
- Audio, Alarm, Bi-directional Talk, and RS485 Interfaces
- Displays Rule Line from an IVS-enabled Camera



Ordering Information

ProcessorMitel 486 ProcessorDecompositionOperating SystemEmbedded LINUXPerformanceSmart 14,255 + 1255, 11,254, JMPF (ad, MIPF (ad, MIPF (ad) CompressionAudio CompressionPerM, G731Decoding Resolution12 MP, 8 MP, 6 MP, 5 MP, 4 MP, 3 MP, 1080p, 720p, 9004, D1, 101, 720, CF, GQFVideo DecodingSchemels of S MP at 25 fps 4 channels of S MP at 25 fps 5 Schemels of S MP at 25 fps 10 channels of S MP at 25 fps	System		Туре	Part Number	Description	
Operating System Embedded LNUX Performance State H265, H266, MPEG, MP		Intel x86 Processor				
Performance 1 is Etherrent Cable (MAS connectors) Video Compression Smart H.265 H.3265, H.3264, MPEG4, MPEG Audio Compression FMM, 6711 Decoding Resolution 960H, 01, H01, 20F, OF, CAOF Video Decoding Schamels of JLW at 25 fps schamels of JLW a	Operating System	Embedded LINUX	Decoder			
Video CompressionSmart H.265, H.266, M.PEGAudio CompressionPCM, G711Decoding Resolution12 MP, 8 MP, 6 MP, 5 MP, 4 MP, 10800, 7200, 3 channek of 5 MP at 25 fps 6 channek of 12 MP at 25 fps 9 channek of 5 MP at 25 fps 9 channek at 7000Video DutyttHOMCommunication Interface Power, Environment, CutyttPower, Environment, CutyttPower, Supply12 Voc, 33.APower Consumption (Ya3 In, X127 In, X173 In, 1000)Vorking Humidity10% to 90%, 86 Kpa to 106 KpaUnit Dimension (Ya3 In, X127 In, X173 In, 1000)Working Humidity10% to 90%, 86 Kpa to 106 Kpa </td <td>Performance</td> <td></td> <td>Package</td> <td colspan="3" rowspan="3">1 x Ethernet Cable (RJ45 connectors) 2 x Alarm I/O, RS485 Terminal Connector with screws 2 x Rack Mount Ears</td>	Performance		Package	1 x Ethernet Cable (RJ45 connectors) 2 x Alarm I/O, RS485 Terminal Connector with screws 2 x Rack Mount Ears		
Audio CompressionPCM, 611Decoding Resolution12 MP, 8 MP, 6 MP, 5 MP, 4 MP, 3 MP, 1080p, 720p, 300m, 101, 102, 20°, 0.1°, 0.4°, 0.4°Video Decoding3 channeis of 2 MP at 25 fps 6 channels of A MP at 25 fps 3 channels of 3 MP at 25 fps 	Video Compression	Smart H.265+ H.265, H.264, MPEG4, MJPEG	-			
Decodingschannels of 20 MP at 25 fps 4 channels of MP at 25 fps 5 channels of 5 MP at 25 fps 9 channels of 3 MP at 25 fps 3	Audio Compression	PCM, G711				
a channels of 12 MP at 25 fps e channels of MP at 25 fps is channels at 1000 pe channels at 10000 pe channels at 1000000 pe channels at 100000000 pe channels at 10000000000000000	Decoding Resolution					
Display Resolution 3840 x 2160, 1920 x 1080, 1280 x 1024, 1280 x 700, 1024 x 768 Audio Output HDMI Communication Interface One (1) R43 Retwork Port (10/100/1000 Mbps), one (1) R5323 Port (D89) one (1) R5323 Port (D89) one (1) R5323 Port (D89) one (1) R53435 Port (D89) one (1) R53435 Port (D89) one (1) R5435 Port (D89) one (1)	Video Decoding	4 channels of 8 MP at 30 fps 6 channels of 6 MP at 25 fps 8 channels of 5 MP at 25 fps 9 channels of 4 MP at 25 fps 10 channels of 3 MP at 30 fps 12 channels of 3 MP at 25 fps 16 channels at 1080P 36 channels at 720P				
Display Resolution 1024 x 768 Audio Output HDM Communication Interface One (1) R435 Network Port (10/100/1000 Mbps), Self-adaptive One (1) R5332 Port (D89) One (1) R5332 Port (D89) One (1) R5485 Port Imput: One (1) Channel, RCA (2 Vrms, 10K O) Imput: One (1) Channel, RCA (2 Vrms, 10K O) Imput: Sour (4) Channels (2 Vrms, 10K O) I	Video Output	HDMI or VGA				
Communication InterfaceOne (1) RJ45 Network Port (10/100/1000 Mbps), Self-adaptive One (1) RS323 Port (DB9) One (1) RS323 Port (DB9) One (1) RS485 PortImput: Source (DB9) Self-adaptive One (1) RS485 PortBi-directional TalkInput: One (1) Channel, RCA Qurput: One (1) Channels Output: Four (4) Relays (30 VDC 1 A, 125 VAC, 0.5 A) Power, Environment, CvurtionImput: Four (4) Relays (30 VDC 1 A, 125 VAC, 0.5 A) Output: Four (4) Relays (30 VDC 1 A, 125 VAC, 0.5 A)Rear PutPower, Environment, CvurtionImput: Four (4) Relays (30 VDC 1 A, 125 VAC, 0.5 A) Output: Four (4) Relays (30 VDC 1 A, 125 VAC, 0.5 A)Imput: Four (4) Relays (30 VDC 1 A, 125 VAC, 0.5 A)Power SupplyImput: Sour (4) Relays (30 VDC 1 A, 125 VAC, 0.5 A)Imput: Four (4) Relays (30 VDC 1 A, 125 VAC, 0.5 A)Power SupplyImput: Sour (4) Relays (30 VDC 1 A, 125 VAC, 0.5 A)Imput: Four (4) Relays (30 VDC 1 A, 125 VAC, 0.5 A)Power SupplyImput: Sour (4) Relays (30 VDC 1 A, 125 VAC, 0.5 A)Imput: Four (4) Relays (30 VDC 1 A, 125 VAC, 0.5 A)Power ConsumptionImput: Sour (4) Relays (30 VDC 1 A, 125 VAC, 0.5 A)Imput: Four (4) Relays (30 VDC 1 A, 125 VAC, 0.5 A)Working TemperatureImput: Sour (4) Relays (30 VDC 1 A, 125 VAC, 0.5 A)Imput: Sour (4) Relays (30 VDC 1 A, 125 VAC, 0.5 A)Unit DimensionImput: Sour (4) Relays (30 VDC 1 A, 125 VAC, 0.5 A)Imput: Sour (4) Relays (30 VDC 1 A, 125 VAC, 0.5 A)Unit DimensionImput: Sour (4) Relays (30 VDC 1 A, 125 VAC, 0.5 A)Imput: Sour (4) Relays (30 VDC 1 A, 125 VAC, 0.5 A)Unit DimensionImput: Sour (4) Relays (30 VDC 1 A, 125 VAC, 0.5 A)Imput: Sour (4) Relays (4) VDC Power InputUnit Dime	Display Resolution					
Communication InterfaceOne (1) R34 S Network port (10) 1000 Mbps), One (1) R5435 PortImput: Four (1) R5435 PortImput: One (1) R5435 PortBi-directional TalkInput: One (1) Channel, RCA Output: Four (4) Channels Output: Four (4) Relays (30 VDC 1 A, 125 VAC, 0.5 A)Imput: Four (4) Channels Output: Four (4) Relays (30 VDC 1 A, 125 VAC, 0.5 A)Imput: Four (4) Channels Output: Four (4) Relays (30 VDC 1 A, 125 VAC, 0.5 A)Power, Environment, C-Turuction12 VDC, 3.3 AImput: Four (4) Channels Output: Four (4) Relays (30 VDC 1 A, 125 VAC, 0.5 A)Power Consumption52 0 WImput: ConsumptionImput: ConsumptionSource Consumption52 0 WImput: ConsumptionVorking Temperature-10 °C to +55 °C (14 °F to 131 °F)Working Humidity10% to 90%, 86 Kpa to 106 KpaUnit Dimension10, 40, 0 mm x 322.80 mm x 44.0 mm (17.32 in. x 12.71 in. x 1.73 in.)Weight3.20 kg (7.05 kg)Weight3.20 kg (7.05 kg)	Audio Output	HDMI				
Bi-directional Talk Output: One (1) Channel, RCA (2 Vms, 10K Ω) Alarms Input: Four (4) Channels Output: Four (4) Relays (30 VDC 1 A, 125 VAC, 0.5 A) Power, Environment, C-Vruction Rear Panel Power Supply 12 VDC, 3.3 A Power Consumption < 20 W Working Temperature -10 °C to +55 °C (14 °F to 131 °F) Working Humidity 10% to 90%, 86 Kpa to 106 Kpa Unit Dimension U, 44.0 mm x 322.80 mm x 44.0 mm (1.32 in x 12.71 in x 1.73 in.) 14 R5232 Port 6 Audio IN/OUT, RCA Weight 3.20 kg (7.05 kg) 3.20 kg (7.05 kg) 4.415 Network Port 9 0//Off Switch	Communication Interface	Self-adaptive One (1) RS232 Port (DB9)				
Arring Output: Four (4) Relays (30 VDC 1 A, 125 VAC, 0.5 A) Power, Environment, C-U 12 VDC, 3.3 A Power Supply 12 VDC, 3.3 A Power Consumption < 20 W	Bi-directional Talk	Output: One (1) Channel, RCA				
Power Supply 12 VDC, 3.3 A Power Consumption \$ 20 W Working Temperature -10 °C to +55 °C (14 °F to 131 °F) Working Humidity 10% to 90%, 86 Kpa to 106 Kpa Unit Dimension 10, 440.0 mm x 322.80 mm x 44.0 mm (17.32 in. x 1.73 in.) Weight 3.20 kg (7.05 kg)	Alarms		Rear Panel			
Power Supply 12 VDC, 3.3 A Power Consumption \$ 20 W Working Temperature -10 °C to +55 °C (14 °F to 131 °F) Working Humidity 10% to 90%, 86 Kpa to 106 Kpa Unit Dimension 1U, 440.0 mm x 322.80 mm x 44.0 mm (17.32 in. x 12.71 in. x 1.73 in.) 1 RS232 Port 6 Audio IN/OUT, RCA Weight 3.20 kg (7.05 kg) 3.20 kg (7.05 kg) 9 0n/Off Switch						
Working Temperature-10 °C to +55 °C (14 °F to 131 °F)1RS232 Port6Audio IN/OUT, RCAWorking Humidity10% to 90%, 86 Kpa to 106 Kpa1RS232 Port6Audio IN/OUT, RCAUnit Dimension10, 440.0 mm x 322.80 mm x 44.0 mm (17.32 in. x 1.73 in.)1ISB 2.0 Port7Alarm I/O, RS48534K HDMI OUT812 VDC Power InputWeight3.0 kg (7.05 kg)4Alas Network Port9On/Off Switch	Power Supply	12 VDC, 3.3 A	•	Harris Harris		
Working Humidity10% to 90%, 86 Kpa to 106 Kpa1RS232 Port6Audio IN/OUT, RCAUnit Dimension10, 440.0 mm x 322.80 mm x 44.0 mm (17.32 in. x 12.71 in. x 1.73 in.)1RS232 Port7Alarm I/O, RS48534K HDMI OUT812 VDC Power InputWeight3.20 kg (7.05 kg)4RJ45 Network Port9On/Off Switch	Power Consumption	≤ 20 W		12 3		
Working Humidity 10% to 90%, 86 kpa to 106 kpa 2 USB 2.0 Port 7 Alarm I/O, RS485 Unit Dimension 10, 440.0 mm x 322.80 mm x 44.0 mm (17.32 in. x 12.71 in. x 1.73 in.) 3 4K HDMI OUT 8 12 VDC Power Input Weight 3.20 kg (7.05 kg) 4 RJ45 Network Port 9 On/Off Switch	Working Temperature	-10 °C to +55 °C (14 °F to 131 °F)				
Unit Dimension 10,440.0 mm x 322.80 mm x 44.0 mm 3 4K HDMI OUT 8 12 VDC Power Input Weight 3.20 kg (7.05 kg) 4 RJ45 Network Port 9 On/Off Switch	Working Humidity	10% to 90%, 86 Kpa to 106 Kpa				
Weight 3.20 kg (7.05 kg) 4 RJ45 Network Port 9 On/Off Switch	Unit Dimension					
	Weight	3.20 kg (7.05 kg)				
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