

1-Channel High Definition Video Decoder

DC5601



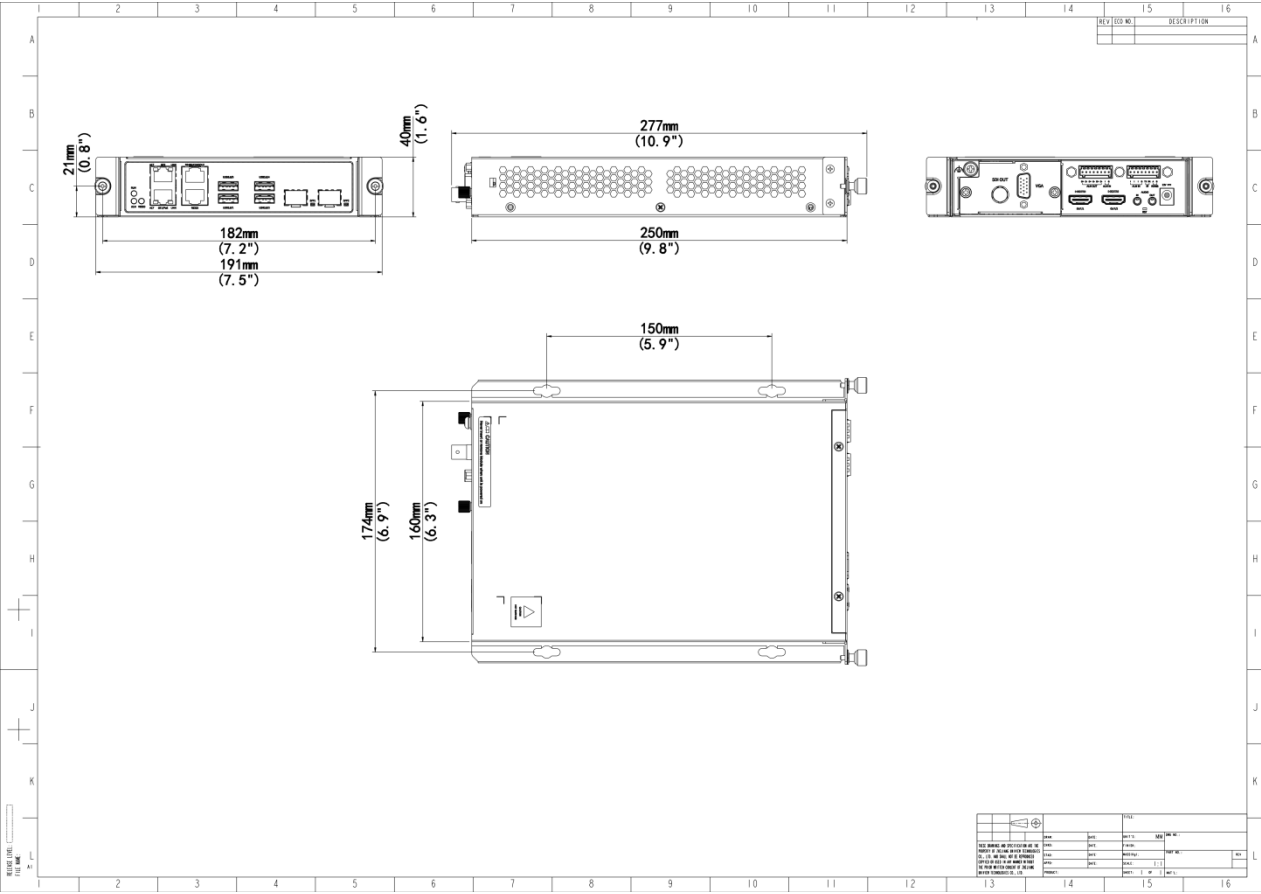
Features

- Embedded Linux OS ensures 24/7 stable operation and prevents hackers and viruses.
- Dual HDMI simultaneous video output, maximum resolution of HDMI 1 is 8K
- Supports decoding 1-ch 8K@60, 2-ch 8K@30, 8-ch 12MP@20, 8-ch 4K@30, 32-ch 1080P@30, and 64-ch 720P@30 videos in parallel.
- Supports decoding video in H.265, H.264, MPEG4, and MJPEG formats.
- Supports decoding video in 8K, 12MP, 4K, 1080P, 720P, and D1 resolutions, compatible with IPC streams from mainstream manufacturers in the industry.
- Up to 8K (7680*4320) @60Hz output resolution, compatible with mainstream display devices in the industry.
- Supports decoding audio in G711.A and G711.U formats.
- Supports up to 64 split screens for a single video output.
- Allows users to configure and manage the device on a central server, supports GB/T28181 and standard ONVIF.
- Supports synchronizing time with server by schedule.
- Supports high/low-temperature alarm.

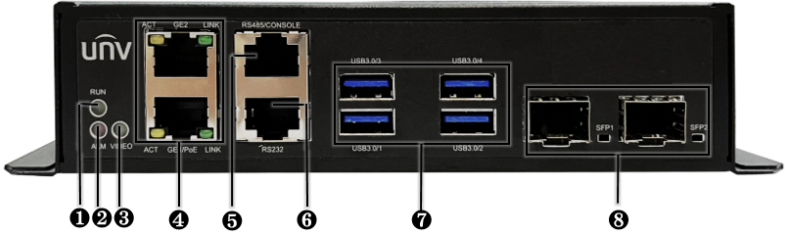
Specifications

Model	DC5601
Decoding	
Decoding Format	H.265, H.264, MPEG4, MJPEG
Decoding Capability	1-ch 7680 x 4320@60 Hz, 8-ch 4K@30 Hz, 32-ch 1080P@30 Hz, 64-ch 720P@30 Hz
Output	
Video Output Resolution	HDMI: 7680 x 4320@60 Hz, 7680 x 4320@30 Hz, 3840 x 2160@60 Hz、3840 x 2160@30 Hz, 1920 x 1200@60 Hz, 1920 x 1080@60 Hz, 1920 x 1080@50 Hz, 1660 x 1200@60 Hz, 1440 x 900@60Hz, 1366 x 768@60 Hz, 1280 x 1024@60 Hz, 1280 x 720@60 Hz, 1280 x 720@50 Hz, 1024 x 768@60 Hz VGA: 1920 x 1200@60 Hz, 1920 x 1080@60 Hz, 1920 x 1080@50 Hz, 1660 x 1200@60 Hz, 1440 x 900@60 Hz, 1366 x 768@60 Hz, 1280 x 1024@60 Hz, 1280 x 720@60 Hz, 1280 x 720@50 Hz, 1024 x 768/60 Hz SDI: 1920 x 1080@60 Hz, 1920 x 1080@50 Hz, 1280 x 720@60 Hz, 1280 x 720@50 Hz
Input Interface	
Audio Input	1 x Audio input interface (reserved)
Alarm Input	4 x Phoenix terminal (reserved)
Output Interface	
Audio Output	1 x Audio output interface
Alarm Output	3 x Phoenix terminal (reserved)
Video Output	2 x HDMI video output interface, 1 x VGA, SDI video output interface
Other Interfaces	
Serial Port	2 x RS485 (1 RJ45 RS232 Console and RS485, 1 reserved Phoenix terminal), 1 x RS232 (RJ45)
Network Interface	2 x GE Ethernet electrical port (RJ45 connector, half-duplex/full-duplex Ethernet, supports 10M/100M/1000M Base-T adaptive)
SFP	2 x Gigabit optical port
USB	4 x USB 3.0
Screen Control	
Split Screen	Up to 64
General	
Power Supply	12 V DC
Max Power Consumption (W)	<20
Product Dimensions (W × H × D) (mm)	277 x 40 x 191
Weight (kg)	<1.5
Operating Temperature	-10 °C ~ 60 °C
Operating Humidity	5% ~ 95% (No-condensing)

Dimensions



Interface

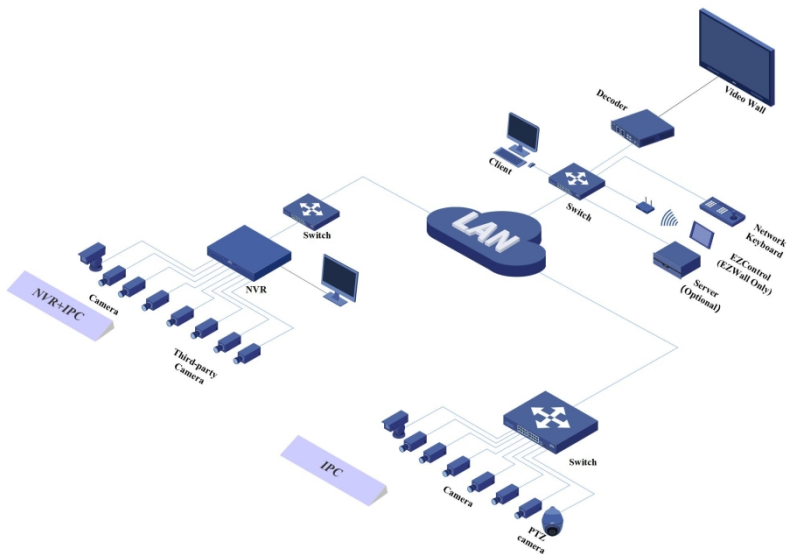


No.	Name	Description
1	RUN indicator	Running indicator: green Steady on for power-on and normal operation,blinking for startup,off for shutdown
2	ALM indicator	Device status indicator: red Steady on for alarms, off for no alarm
3	VIDEO indicator	Video encoding status ·Steady green: Connected to video device ·Off: No video device connected
4	Network port	10M/100M/1000Mbps adaptive Ethernet electrical port
5	RS485	RS485 serial port
6	RS232	RS232 serial port
7	USB	4*USB3.0
8	SFP	2*Gigabit optical port



No.	Name	Description
1	Grounding	Grounding terminal
2	SDI	SDI OUT interface
3	VGA	VGA video interface
4	Phoenix terminal	Alarm input/remote switch on/off interface/alarm output (reserved)
5	HDMI output	2*HDMI homologous output ports
6	Audio input	3.5mm audio input interface (reserved)
7	RST button	Press to reset the device, press and hold for more than 5s to restore factory defaults and restart the device
8	Audio output	3.5mm audio output interface
9	Power interface	12V DC power interface
10	Phoenix terminal	RS485/IR/alarm input(reserved)

Typical Application



Accessories Ordering Information

Model	Remarks
VS-ECDC	1U EC/DC holder
HB-DSM30-MFS	Power supply box (single power)
HB-DSM30-MFD	Power supply box (double power)

Unlimited New View

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