

1-CH HD Video Decoder

DC5601



DC5601 1-CH HD Video Decoder

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.

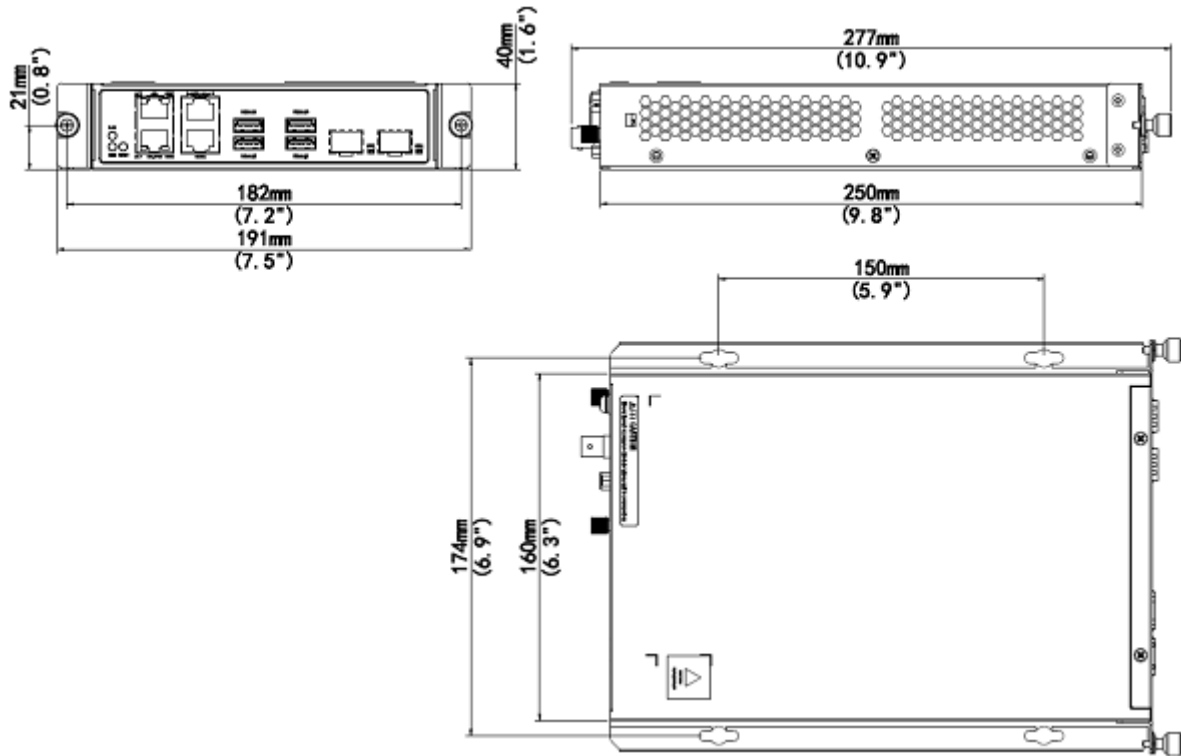
Specifications

Model	DC5601
Decoding	
Decoding resolution	Up to 8K
Decoding capability	1-ch 8K@60fps、2-ch 8K@30fps、8-ch 12MP@20fps、8-ch 3840*2160@30fps、32-ch 1080P@30fps、64-ch 720P@30fps
Split screen	Up to 64

Output	
Video format	H.265、H.264、MPEG4、MJPEG
HDMI output	7680*4320@60Hz、7680*4320@30Hz、3840*2160@60Hz、3840*2160@30Hz、1920*1200@60Hz、1920*1080@60Hz、1920*1080@50Hz、1660*1200@60Hz、1440*900@60Hz、1366*768@60Hz、1280*1024@60Hz、1280*720@60Hz、126480*720@50Hz、1024*768@60Hz
VGA output	1920*1200@60Hz、1920*1080@60Hz、1920*1080@50Hz、1660*1200@60Hz、1440*900@60Hz、1366*768@60Hz、1280*1024@60Hz、1280*720@60Hz、1280*720@50Hz、1024*768@60Hz
SDI output	1920*1080@60Hz、1920*1080@50Hz、1280*720@60Hz、1280*720@50Hz
Interface	
Video output	2*HDMI video output interface, 1*VGA, SDI video output interface
Audio input	1*audio input interface (reserved)
Audio output	1*audio output interface (reserved)
Alarm input	4*Phoenix terminal (reserved)
Alarm output	3*Phoenix terminal (reserved)
Serial port	2*RS485 (1 RJ45 RS232 Console and RS485, 1 reserved Phoenix terminal), 1*RS232 (RJ45)
Ethernet	2*GE Ethernet electrical port (RJ45 connector, half-duplex/full-duplex Ethernet, supports 10M/100M/1000M Base-T adaptive)
Fan	CPU fan
SFP	2*Gigabit optical port
USB	4*USB3.0
Other	
Dimensions (W*H*D)(mm)	277*40*191
Operating temperature	-10°C to 60°C
Operating humidity	5% to 95% (non-condensing)
Power supply	12V DC
Weight (kg)	<2
Power consumption (W)	<15

Appearance

Dimensions



Interfaces

Front Panel



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

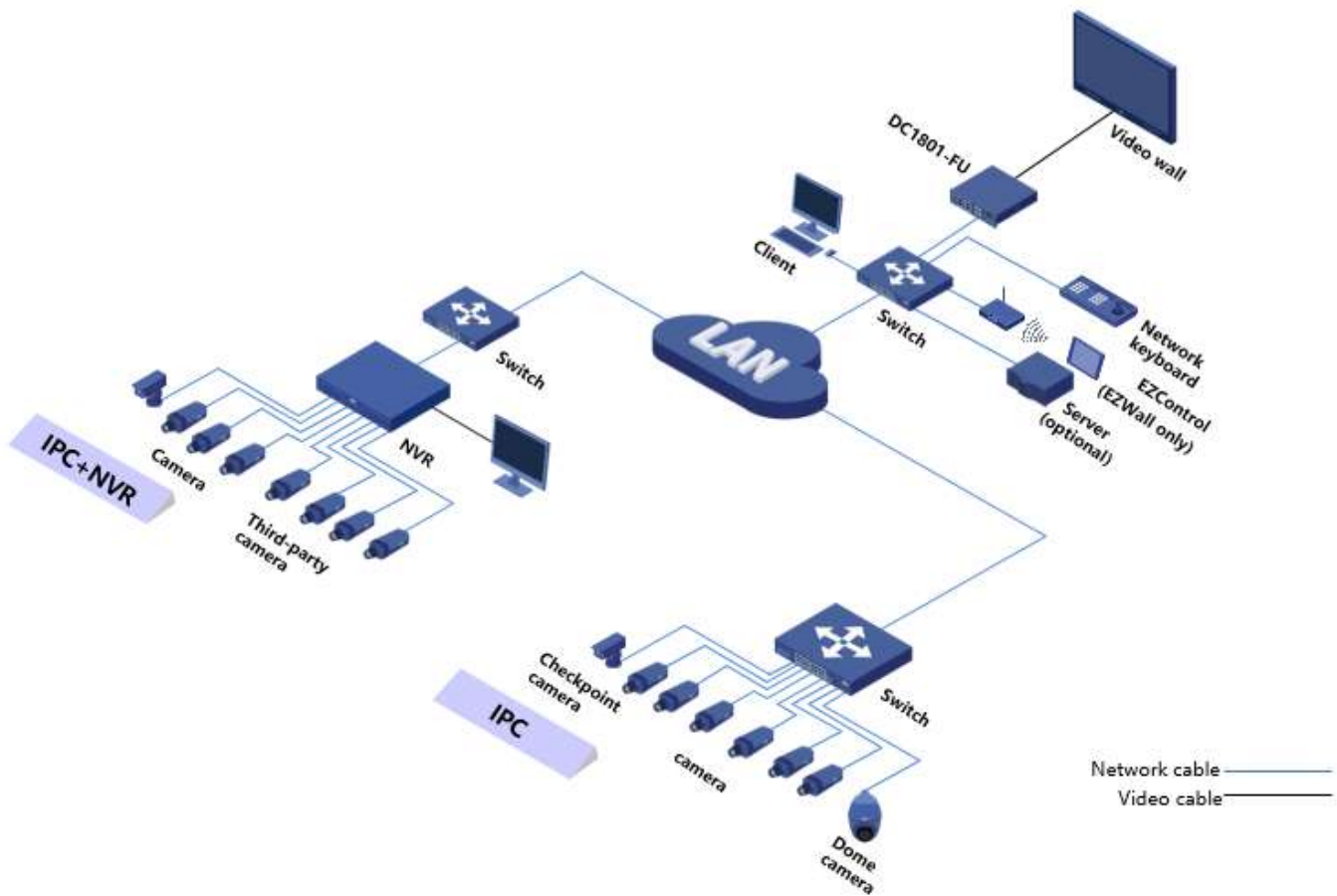
3	VIDEO indicator	Video decoding status indicator: green Steady on for decoding, off for no decoding
4	Network port	10M/100M/1000Mbps adaptive Ethernet electrical port
5	RS485	RS485 serial port
6	RS232	RS232 serial port
7	USB	4*USB3.0
8	SFP	2*Gigabit optical port

Rear Panel



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 (reserved)
9	Power interface	12V DC power interface
10	Phoenix terminal	RS485/IR/alarm input (reserved)

Typical Application



Ordering Information

Model	Remarks
DC5601	1-ch HD video decoder
VS-ECDC	1U EC/DC holder
HB-DSM30-MFS	Power supply box (single power)
HB-DSM30-MFD	Power supply box (double power)

Zhejiang Uniview Technologies Co., Ltd.

Building No.10, Wanlun Science Park, Jiangling Road 88, Binjiang District, Hangzhou, Zhejiang, China

Email: overseasbusiness@uniview.com; globalsupport@uniview.com

<http://www.uniview.com>

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* Product specifications and availability are subject to change without notice.