



9-ch High Definition Video Decoder

ADU8809-E



Features

- Embedded Linux OS ensures 24/7 stable operation and prevents hackers and viruses.
- HDMI supports up to 4K@60Hz input resolution.
- HDMI supports up to 4K@60Hz output resolution, compatible with mainstream display devices in the industry.
- Maximum decoding resolution of 32MP, up to 32*1080P@30Hz decoding capability for each channel.
- Supports window opening, roaming, and picture-in-picture. Each output channel can open 36 windows on average.
- Supports multicast.
- Supports virtual LED subtitles.
- Supports small pixel pitch LEDs.
- Supports turning on/off video wall screens.
- Supports standard H.265, H.264, and MPEG4 image compression formats.
- Supports decoding audio in G.711A and G.711U formats.
- Self-developed decoding algorithm offers high decoding efficiency and clear images.
- Allows to configure and manage the device on a central server.
- Supports decoding SD and HD video.
- Supports local and remote upgrade.
- Supports decoding streams of multiple manufacturers such as Uniview, Hikvision, Dahua, etc.
- Supports up to 10 devices cascaded.

Specifications

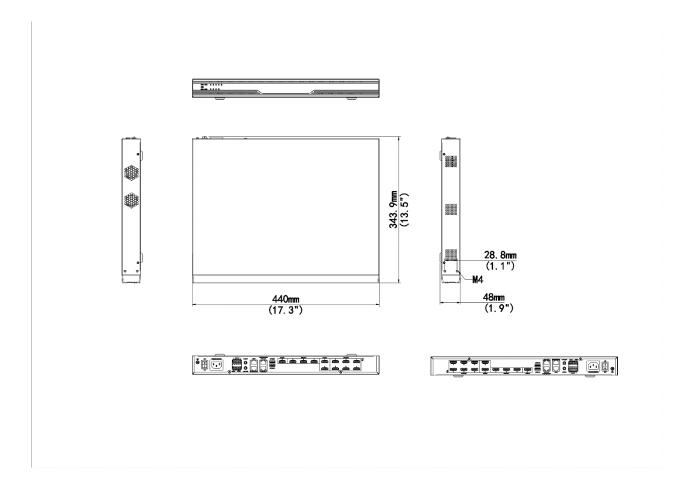
Model	ADU8809-E	
Output		
Output Channel	9-ch HDMI	

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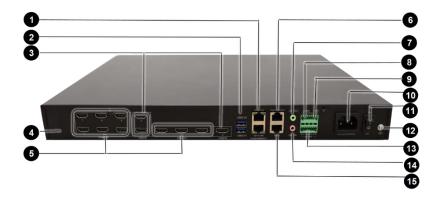
Input Channel 3-ch HDMI	unv	DATASHEE	
		All interfaces supports 3840 x 2160(4K)@60Hz, 3840 x 2160(4K)@30Hz, 1920 x	
SO(WXGA+)@60Hz 1280 x 1024(SXGA)@60Hz, 1280 x 720(720P)@60Hz, 1024 x 768(XGA)@60Hz Input Channel	Video Output Resolution	1200(WUXGA)@60Hz, 1920 x 1080(1080P)@60Hz, 1600 x 1200(UXGA)@60Hz, 1440 x	
Input Input Channel 3-ch HDMI All interfaces supports 3840 x 2160(4K)@60Hz, 1840 x 2160(4K)@30Hz, 1920 x 1020(WUXGA)@60Hz, 1920 x 1080(1080P)@60Hz, 1600 x 1200(UUXGA)@60Hz, 1440 x 900(WXGA+)@60Hz, 1280 x 1024(SXGA)@60Hz, 1280 x 720(720P)@60Hz, 1024 x 768(XGA)@60Hz Decoding becoding Format H.265, H.264, MPEG4 Decoding Capability 3x 8K.@60Hz, 24 x 12MP@20Hz, 24 x 4K.@30Hz, 96 x 1080P@30Hz, 192 x 720P@30Hz, 324 x 10 and the properties of the		900(WXGA+)@60Hz, 1280 x 1024(SXGA)@60Hz, 1280 x 720(720P)@60Hz, 1024 x	
Input Channel 3-ch HDM All interfaces supports 3840 x 2160(4K)@60Hz, 3840 x 2160(4K)@30Hz, 1920 x 1200(WUXGA)@60Hz, 1920 x 1080(1080P)@60Hz, 1600 x 1200(UXGA)@60Hz, 1440 x 900(WXGA+)@60Hz, 1920 x 1080(1080P)@60Hz, 1280 x 720(720P)@60Hz, 1024 x 768(XGA)@60Hz 1280 x 1024(SXGA)@60Hz, 1280 x 720(720P)@60Hz, 1024 x 768(XGA)@60Hz 1280 x 1024(SXGA)@60Hz, 1280 x 720(720P)@60Hz, 1024 x 768(XGA)@60Hz 1280 x 1080P@30Hz, 192 x 720P@30Hz, 324 x 1024 x 1024 x 12MP@20Hz, 24 x 4K@30Hz, 96 x 1080P@30Hz, 192 x 720P@30Hz, 324 x 1024		768(XGA)@60Hz	
All interfaces supports 3840 x 2160(4K)@60Hz, 3840 x 2160(4K)@30Hz, 1920 x 1200(WUXGA)@60Hz, 1920 x 1200(WUXGA)@60Hz, 1920 x 1080(1080P)@60Hz, 1600 x 1200(UXGA)@60Hz, 1240 x 900(WXGA+)@60Hz, 1280 x 1024(SXGA)@60Hz, 1280 x 720(720P)@60Hz, 1024 x 768(XGA)@60Hz Decoding Format	Input		
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Audio Output $ \begin{array}{c} 1 \text{ x terminal audio output (reserved)} \\ 1 \text{ x 3.5mm audio output, dual channel} \\ A \text{larm Output} \qquad 4 \text{ x terminal alarm output (reserved)} \\ \hline \\ \text{Other Interfaces} \\ \hline \\ \text{Serial Port} \qquad 1 \text{ x RS232 serial interface (RJ45), 1 x RS232 Console (RJ45)/RS485 shared serial interface} \\ \text{Network Interface} \qquad 2 \text{ x GE, RJ45 10M/100M/1000M Base-T self-adaptive half/full-duplex Ethernet interface} \\ \text{USB} \qquad 2 \text{ x USB 3.0} \\ \hline \\ \text{General} \\ \hline \\ \text{Power Supply} \qquad 100 \text{ V} \sim 240 \text{ V AC; 50 Hz/60 Hz} \\ \text{Max Power Consumption (W)} \qquad 34.76 \\ \hline \\ \text{Product Dimensions (W \times H \times D) (mm)} \qquad 440 \text{ x 343.9 x 48} \\ \hline \\ \text{Weight (kg)} \qquad 3.773 \\ \hline \\ \text{Operating Temperature} \qquad -10 \sim 55^{\circ}\text{C} \\ \hline \end{array} $	Alarm Input	4 x terminal alarm input (reserved)	
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Weight (kg) 3.773 Operating Temperature $-10 \sim 55^{\circ}\text{C}$	(mm)	440 x 343.9 x 48	
Operating Temperature $-10 \sim 55^{\circ}\text{C}$	Weight (kg)	3.773	
. •	Operating Temperature		
operating training 10/0 /0/0 (110-contending)	Operating Humidity	$10\% \sim 90\%$ (No-condensing)	



Dimensions



Interface







No.	Interface	Description
1	Ethernet	GE interface , RJ45 10M/100M/1000M Base -T self -adaptive half/full -duplex Ethernet interface
2	USB3.0	Upgrades the device
3	HDMI IN	HDMI input interface, receives video signal
4	RST	Short press (\leq 5s): the alarm indicator is steady red, and the device restarts after you release the button; Long press ($>$ 5s): the alarm indicator is blinking, and the device restores factory settings and restarts after you release the button
5	HDMI OUT	HDMI output i nterface, outputs video signal to the HDMI-connected display devices
6	RS485	Serial interface, used as RS232 Console or RS485 for interactive control with external devices, power distribution box control, device maintenance, etc.
7	LINE OUT	Coaxial 3.5mm audio output interface
8	ALM IN	Phoenix terminal, alarm input interface, switch signal input (reserved)
9	Audio	Phoenix terminal, audio input/output interface (reserved)
10	Power input	Power input interface
11	Power switch	Turn on/off the device
12	Grounding terminal	Grounding terminal
13	ALM OUT	Phoenix terminal, alarm output interface, relay output (reserved)
14	LINE IN	Coaxial 3.5mm audio input interface (reserved)
15	RS232	Serial interface, mainly used to turn on/off video wall screens

Ordering Info

Product Model	Description
ADU8809-E	9-ch High Definition Video Decoder

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