TD-A130E2

Decoder Matrix



With advanced modular design, high stability and extraordinary capability of decoding, this series integrating decoding and splicing technologies provides one-stop solution for digital surveillance system (including decoding on video wall, multi-signal input encoding and so no) and powerful support for various video and audio services, like audio & video network decoding output, large-scale TV wall decoding, splicing and splitting screen display, etc., perfectly instead of the traditional heavyweight solution of “Decoders plus splicing controller”.

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TD-A130E2 Decoder Matrix

Features

Decoding & Display (Single Card)

- 4*HDMI@1080P; HDMI1 supports 8K
- 1*VGA
- Up to 1CH 8K video input
- Supports PS, RTP, TS, ES encapsulation formats
- Supports NTSC & PAL video formats
- H.265 HP/MP/BP and H.264 HP/MP/BP
- 4CH 16MP@30fps or 8CH 8MP@30fps or 12CH 5MP@30fps or 20CH 3MP@30fps or 32CH 1080P@30fps or lower
- G.711A/G.711U audio compression
- 1CH audio output

Stream Mode

- A&V streams can be directly acquired from TVT IPC/DVR/NVR by SDK private protocol
- A&V streams can be acquired form NVMS platform or encoding devices by RTSP/ RTP protocol
- A&V streams can be acquired from IPC by ONVIF protocol Device Management

Access

- Provides HTTP API protocol for the third-party

Decoding Control

- Supports live view and playback decoding
- 1/4/9/16/25/36 /64 screen display mode
- Window opening, roaming
- View cameras or camera groups in sequence
- Support infinite splicing display

Operation and Maintenance

- Supports device search
- Supports WEB client access, configuration and management
- Supports time zone, time and date settings
- Supports data port and HTTP port settings
- Supports data backup and restoration
- Supports remote reboot and one-button reset
- Supports online and U-disk upgrade
- Supports dual gigabit Ethernet ports, load balancing
- The modular design is convenient to expand and maintain and unaffected to other board card when one board card is damaged

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Specifications

TD-A130E2-8		
Video	Input	HDMI×2
	Input Resolution	3840×2160, 1920×1080, 1600×1200, 1680×1050, 1440×900, 1280×1024, 1366×768, 1280×800, 1280×720, 1024×768, 800×600
	Output	HDMI×8, VGA×2
	Output Resolution	HDMI1: 8K(7680×4320), 4K(3840×2160), 1080P(1920×1080), 1280×1024; When the resolution of HDMI1 output is 8K, HDMI2 is unavailable. HDMI2: 3840×2160, 1920×1080, 1280×1024 HDMI3: 3840×2160, 1920×1080, 1280×1024 VGA:1920×1080, 1280×1024 (VGA can be set to output the same video source with HDMI1/HDMI2/HDMI3 of the same card)
	Compression standard	H.264/H.265/MJPEG
Audio	Local Input	3.5mm audio interface×2 (currently no function)
	Local Output	3.5mm audio interface×2
	HDMI Input	Yes
	Compression standard	G711 A/U
Alarm	Input	8CH
	Output	8CH
Network Interface	RJ45 Ethernet interface×4（10M/100M/1000M self-adaption）	
USB Interface	USB3.0×2	
USB Console Interface	2	
Decoding	Decoding resolution	16MP/12MP/8MP/5MP/4MP/3MP/1080P/960P/720P/WD1/D1/CIF
	Decoding capability	2*4CH 16MP @30fps or 2*8CH 8MP @30fps or 2*12CH 5MP @30fps or 2*20CH 3MP @30fps or 2*32CH 1080P @30fps or 2*255CH CIF @30fps
	Screen display mode	1/4/9/16/25/36/64
Power Supply	350W 12V/29.17A	
Power Consumption	≤ 60W	
Working Environment	-10℃~50℃ 10%~90% (non-condensing)	
Dimensions (mm)	440*370*268	

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TD-A130E2 Decoder Matrix

TD-A130E2-12		
Video	Input	HDMI×3
	Input Resolution	3840×2160, 1920×1080, 1600×1200, 1680×1050, 1440×900, 1280×1024, 1366×768, 1280×800, 1280×720, 1024×768, 800×600
	Output	HDMI×12, VGA×3
	Output Resolution	HDMI1: 8K(7680×4320), 4K(3840×2160), 1080P(1920×1080), 1280×1024; When the resolution of HDMI1 output is 8K, HDMI2 is unavailable. HDMI2: 3840×2160, 1920×1080, 1280×1024 HDMI3: 3840×2160, 1920×1080, 1280×1024 VGA:1920×1080, 1280×1024 (VGA can be set to output the same video source with HDMI1/HDMI2/HDMI3 of the same card)
	Compression standard	H.264/H.265/MJPEG
Audio	Local Input	3.5mm audio interface×3(currently no function)
	Local Output	3.5mm audio interface×3
	HDMI Input	Yes
	Compression standard	G711 A/U
Alarm	Input	12CH
	Output	12CH
Network Interface	RJ45 Ethernet interface×6（10M/100M/1000M self-adaption）	
USB Interface	USB3.0×3	
USB Console Interface	3	
Decoding	Decoding resolution	16MP/12MP/8MP/5MP/4MP/3MP/1080P/960P/720P/WD1/D1/CIF
	Decoding capability	3*4CH 16MP @30fps or 3*8CH 8MP @30fps or 3*12CH 5MP @30fps or 3*20CH 3MP @30fps or 3*32CH 1080P @30fps or 3*255CH CIF @30fps
	Screen display mode	1/4/9/16/25/36/64
Power Supply	350W 12V/29.17A	
Power Consumption	≤ 90W	
Working Environment	-10℃~50℃ 10%~90% (non-condensing)	
Dimensions (mm)	440*370*268	

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TD-A130E2 Decoder Matrix

TD-A130E2-16		
Video	Input	HDMI×4
	Input Resolution	3840×2160, 1920×1080, 1600×1200, 1680×1050, 1440×900, 1280×1024, 1366×768, 1280×800, 1280×720, 1024×768, 800×600
	Output	HDMI×16, VGA×4
	Output Resolution	HDMI1: 8K(7680×4320), 4K(3840×2160), 1080P(1920×1080), 1280×1024; When the resolution of HDMI1 output is 8K, HDMI2 is unavailable. HDMI2: 3840×2160, 1920×1080, 1280×1024 HDMI3: 3840×2160, 1920×1080, 1280×1024 VGA:1920×1080, 1280×1024 (VGA can be set to output the same video source with HDMI1/HDMI2/HDMI3 of the same card)
	Compression standard	H.264/H.265/MJPEG
Audio	Local Input	3.5mm audio interface×4(currently no function)
	Local Output	3.5mm audio interface×4
	HDMI Input	Yes
	Compression standard	G711 A/U
Alarm	Input	16CH
	Output	16CH
Network Interface	RJ45 Ethernet interface×8（10M/100M/1000M self-adaption）	
USB Interface	USB3.0×4	
USB Console Interface	4	
Decoding	Decoding resolution	16MP/12MP/8MP/5MP/4MP/3MP/1080P/960P/720P/WD1/D1/CIF
	Decoding capability	4*4CH 16MP @30fps or 4*8CH 8MP @30fps or 4*12CH 5MP @30fps or 4*20CH 3MP @30fps or 4*32CH 1080P @30fps or 4*255CH CIF @30fps
	Screen display mode	1/4/9/16/25/36/64
Power Supply	350W 12V/29.17A	
Power Consumption	≤ 120W	
Working Environment	-10℃~50℃ 10%~90% (non-condensing)	
Dimensions (mm)	440*370*268	

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TD-A130E2 Decoder Matrix

TD-A130E2-20		
Video	Input	HDMI×5
	Input Resolution	3840×2160, 1920×1080, 1600×1200, 1680×1050, 1440×900, 1280×1024, 1366×768, 1280×800, 1280×720, 1024×768, 800×600
	Output	HDMI×20, VGA×5
	Output Resolution	HDMI1: 8K(7680×4320), 4K(3840×2160), 1080P(1920×1080), 1280×1024; When the resolution of HDMI1 output is 8K, HDMI2 is unavailable. HDMI2: 3840×2160, 1920×1080, 1280×1024 HDMI3: 3840×2160, 1920×1080, 1280×1024 VGA:1920×1080, 1280×1024 (VGA can be set to output the same video source with HDMI1/HDMI2/HDMI3 of the same card)
	Compression standard	H.264/H.265/MJPEG
Audio	Local Input	3.5mm audio interface×5(currently no function)
	Local Output	3.5mm audio interface×5
	HDMI Input	Yes
	Compression standard	G711 A/U
Alarm	Input	20CH
	Output	20CH
Network Interface	RJ45 Ethernet interface×8（10M/100M/1000M self-adaption）	
USB Interface	USB3.0×5	
USB Console Interface	5	
Decoding	Decoding resolution	16MP/12MP/8MP/5MP/4MP/3MP/1080P/960P/720P/WD1/D1/CIF
	Decoding capability	5*4CH 16MP @30fps or 5*8CH 8MP @30fps or 5*12CH 5MP @30fps or 5*20CH 3MP @30fps or 5*32CH 1080P @30fps or 5*255CH CIF @30fps
	Screen display mode	1/4/9/16/25/36/64
Power Supply	350W 12V/29.17A	
Power Consumption	≤ 150W	
Working Environment	-10℃~50℃ 10%~90% (non-condensing)	
Dimensions (mm)	440*370*268	

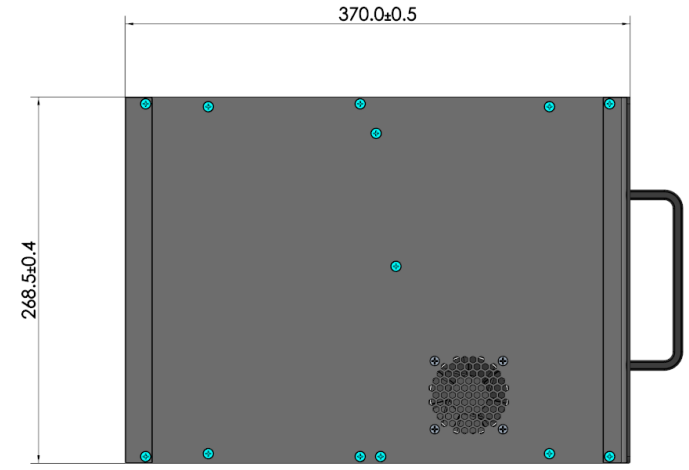
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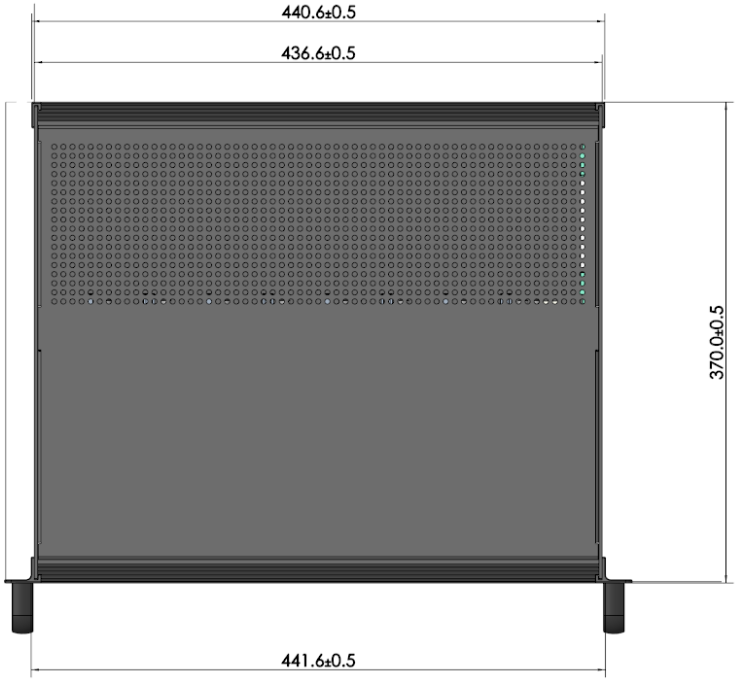
TD-A130E2 Decoder Matrix

TD-A130E2-24		
Video	Input	HDMI×6
	Input Resolution	3840×2160, 1920×1080, 1600×1200, 1680×1050, 1440×900, 1280×1024, 1366×768, 1280×800, 1280×720, 1024×768, 800×600
	Output	HDMI×24, VGA×6
	Output Resolution	HDMI1: 8K(7680×4320), 4K(3840×2160), 1080P(1920×1080), 1280×1024; When the resolution of HDMI1 output is 8K, HDMI2 is unavailable. HDMI2: 3840×2160, 1920×1080, 1280×1024 HDMI3: 3840×2160, 1920×1080, 1280×1024 VGA:1920×1080, 1280×1024 (VGA can be set to output the same video source with HDMI1/HDMI2/HDMI3 of the same card)
	Compression standard	H.264/H.265/MJPEG
Audio	Local Input	3.5mm audio interface×6(currently no function)
	Local Output	3.5mm audio interface×6
	HDMI Input	Yes
	Compression standard	G711 A/U
Alarm	Input	24CH
	Output	24CH
Network Interface	RJ45 Ethernet interface×8（10M/100M/1000M self-adaption）	
USB Interface	USB3.0×6	
USB Console Interface	6	
Decoding	Decoding resolution	16MP/12MP/8MP/5MP/4MP/3MP/1080P/960P/720P/WD1/D1/CIF
	Decoding capability	6*4CH 16MP @30fps or 6*8CH 8MP @30fps or 6*12CH 5MP @30fps or 6*20CH 3MP @30fps or 6*32CH 1080P @30fps or 6*255CH CIF @30fps
	Screen display mode	1/4/9/16/25/36/64
Power Supply	350W 12V/29.17A	
Power Consumption	≤ 180W	
Working Environment	-10℃~50℃ 10%~90% (non-condensing)	
Dimensions (mm)	440*370*268	

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Dimensions





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