

# OPR-DT9 4K H.265 Transcoder and Transmitter Specification

<b>TS Input</b>		<b>Video</b>	Network Stream, max support 1 channel 4K@60 input or 2 channels 4096x2160@30 or 4 channels 1920x1200/1080@60fps or 8 channels 1920x1200/1080@30fps or 9 channels 1920x1200/1080@25fps
		<b>Audio</b>	Network Stream Audio / Analog audio 1 & 2
<b>Transcode</b>	<b>Video</b>	<b>Channel</b>	1/2/4/9
		<b>Audio</b>	TS audio / Analog 1 & 2
		<b>Encoding Type</b>	H.264 / H.265
		<b>FPS</b>	5-60
		<b>GOP</b>	5-300
		<b>Bit rate(kbit)</b>	32-32000
		<b>Encoded size</b>	2 channels 4096x2160@30 or 4 channels 1920x1200/1080@60fps or 8 channels 1920x1200/1080@30fps or 9 channels 1920x1200/1080@25fps Support transcoding resolution - 4096x2160/3840x2160/2560x1140/1920x1200/1920x1080/1680x1056/1680x1056/1600x1200/1600x900/1366x768/1280x1024/1280x720/1024x768/1024x576/960x540/850x480/800x600/720x576/720x540/720x480/720x404/704x576/640x480, etc.
		<b>Bit rate control</b>	CBR/VBR
	<b>Protocol</b>	RTMP/ RTSP /HTTP TS/HTTP FLV/HLS/MP4/SRT/UDP /RTP	
	<b>Audio</b>	<b>Encoder</b>	AAC /AAC+/AAC++/MP3/MP2/ AC3/Opus
		<b>Coding bit rate</b>	AAC:48000~320000/AAC+:24000~48000/ AAC++:12000~32000/MP3:64000~320000/ MP2: 64000~320000/ AC3:40000~640000/ Opus:8000~256000
		<b>G711</b>	Disable/Enable
		<b>G711 Over RTSP</b>	Disable/Enable/Enable and resample with 8k
	<b>OSD</b>	<b>Type</b>	Graphics/Text/ Scrolling text /Time
		<b>Transparency</b>	0-255
		<b>Zone</b>	4 Zones
		<b>X</b>	0-1920
		<b>Y</b>	0-1080
		<b>LOGO</b>	4 logos can be uploaded for selection
<b>Font size</b>		8-72	
<b>Background color</b>		Transparent/White/Black	
<b>Font color</b>	RGB Color		
<b>HDMI Video Output</b>		Max support 3840x2160@60fps	
<b>Transmit</b>	<b>Video</b>	<b>Channel</b>	Max 36 channels
		<b>Protocol</b>	RTMP/ RTSP /HTTP TS/HTTP FLV/HLS/MP4/SRT/UDP /RTP
	<b>Audio</b>	<b>Encoder</b>	AAC /AAC+/AAC++/MP3/MP2/ AC3/Opus
		<b>Coding bit rate</b>	AAC:48000~320000/AAC+:24000~48000/ AAC++:12000~32000/MP3:64000~320000/

			MP2: 64000~320000/ AC3:40000~640000/ Opus:8000~256000
		<b>G711</b>	Disable/Enable
		<b>G711 Over RTSP</b>	Disable/Enable/Enable and resample with 8k
<b>Others</b>		<b>Network</b>	1000Mbps
		<b>Control Method</b>	Web based management
		<b>ONVIF</b>	Support ONVIF to search and browse videos
		<b>Power adapter</b>	AC input 100-240V 50/60Hz DC output 12V 1A
		<b>Power</b>	5W
		<b>Approx. weight</b>	400g
		<b>Dimension</b>	146*103*35mm