

TOPAS 4K

TECHNICAL SPECIFICATIONS

Name	TOPAS 4K
Manufacturer	Ereca
SDI Rates	Native broadcast outputs up to 12G-SDI, 3G-SDI, and HD-SDI. It fully supports SMPTE ST-2082 12G transmission standards.
Lens Control	Remote motorized control over Pan, Tilt, Zoom, Iris, Focus, and Gain via IP (Ethernet), RS-422, or serial command pipelines mapped transparently through the TOPAS fiber link
Dynamic Range	10 dB optical dynamic range budget over 12G-SDI fiber transmission; 15 dB over 3G-SDI.
Weight	6.05kg
Video Input	1x 12G-SDI, 1x 3G-SDI, and 1x HD-SDI directly from the camera base into the TOPAS dock.
Height	310mm
Width	213mm
Depth	267mm
Power Requirements	12V DC generated via the TOPAS dock. The entire system is fed via a hybrid SMPTE optical cable from the base receiver up to 800 metres away.
Current Consumption	The TOPAS dock draws 8 Watts continuously while routing up to a 50 Watt continuous power supply to the camera. The Panasonic camera itself draws roughly 4.0A to 5.0A over a 12V input.
Video Output	1x HD-SDI return path fed back through the fiber to the camera position for monitoring or teleprompting.
Imaging Sensors	1-type (1-inch) 4K MOS large sensor.
Effective Pixels	Approximately 9.62 Megapixels.
Lens	Motorized optical 20x zoom lens, F2.8 to F4.5. Focal length ranges from f=8.8 mm to 176 mm (35 mm equivalent: 24.5 mm to 490 mm).
Output Format	Pass-through multi-format fiber transmission

