

TECHNICAL SPECIFICATION

INPUT AND OUTPUT

- Input – HDMI/SDI support up to 1080p 30 FPS or 1080i 60 FPS
- Supported Input video formats:
 - 1920x1080p 23.97/24/25/29.97/30 FPS
 - 1920x1080i 50/59.94/60 FPS
 - 1280x720p 50/59.94/60 FPS
 - 720x486i 59.94 FPS
 - 720x576i 50 FPS
 - 720x486p 59.94 FPS
 - 720x676p 50 FPS
- Encoding – H.264/AAC encoding
- Supported Output Formats – Adaptive streaming in 1080p, 720p and 480p, with the same aspect ratio as source

INTERNET CONNECTIVITY

- Requires internet connectivity with HTTP port 80, HTTPS port 443 and RTMP port 1935 open for streaming
- For standard profile setting (3 profiles) and upload rate of at least 6000 Kbps is required
 - 480p streaming requires an upload rate of 600 Kbps.
 - 720p streaming requires an upload rate of 1,800 Kbps.
 - 1080p streaming requires an upload rate of 3,600 Kbps.
- Simulcast to social platforms
 - Facebook Live simulcast requires an upload rate of 1,800 Kbps (720p)
 - YouTube Live simulcast requires an upload rate of 3,600 Kbps (1080p)
- Full streaming setting (stand profile and simulcast to social platforms) requires upload rate of 11,400 Kbps
- Setup with redundancy (more than one machine) requires extra bandwidth, please contact TFI for more details

HARDWARE SPECIFICATIONS

- Dimensions - 1.70 x 17.11 x 15.05 inches (4.32 x 43.46 x 38.22 cm)
- Weight (approximate) – 7.88kg
- Processor - Intel® Xeon® Processor
- Video Input – 1 channel SD-SDI/HD-SDI/HDMI video and audio input
- USB Ports
 - USB 2.0 Ports – 2 front
 - USB 3.0 Ports – 2 rear
- LOM Network Ports - 2x1GbE ports
- Power Supply: AC input, HPE 290W FIO Power Supply
- Input Range: 100 ~ 240Vac (RMS), Full Range Input
- Input Frequency: 50 ~ 60
- Input Current: Max 5.5A (RMS) @ 100Vac

ENVIRONMENTAL REQUIREMENT

- System Inlet Temperature
 - Standard Operating Support - 10° to 35°C (50° to 95°F) at sea level with an altitude derating of 1.0°C per every 305 m (1.8°F per every 1000 ft) above sea level to a maximum of 3050 m (10,000 ft), no direct sustained sunlight. Maximum rate of change is 20°C/hr (36°F/hr). The upper limit and rate of change may be limited by the type and number of options installed. System performance during standard operating support may be reduced if operating with a fan fault or above 30°C (86°F).
 - Non-operating - -30°C to 65°C (-22°F to 149°F)
- Relative Humidity
 - Operating - Minimum to be the higher (more moisture) of -12°C (10.4°F) dew point or 8% relative humidity. Maximum to be the lower (less moisture) of 24°C (75.2°F) dew point or 90% relative humidity.
 - Non-operating - 5% to 95% relative humidity (Rh), 38.7°C (101.7°F) maximum wet bulb temperature



hermeslive.com | support@hermeslive.com | (852) 3755 1010