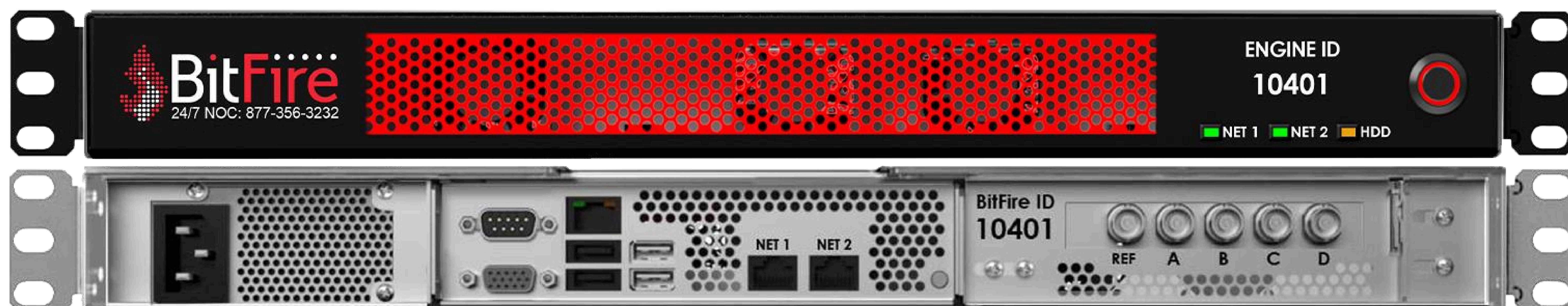


The BitFire T4 Engine is a rackmount live video transport platform supporting SDI workflows. Designed for remote production, venue connectivity, flypacks, and facility integration, it transports broadcast-quality video, audio, and data signals over BitFire's transport network. Deployment requires only power, network connectivity, and video.



Video

Encoder Capability	Up to 4x 1080p59.94 paths
HDR Capability	Up to 2x 10-bit HDR 1080p59.94 bidirectional paths
Decoder Capability	Up to 4x 1080p59.94 paths
SDI Connectivity	4x bidirectional 3G-SDI BNC
Reference Input	Black Burst or Tri-Level Sync

Audio

Audio Support	Up to 16 embedded audio channels per SDI path
Audio Networking	AES67 compatible

Data

Supported Data Types	Scoreboard data, Panasonic camera control, tally, and custom TCP/UDP feeds
Caption Support	Supports 608 and 708 closed captions
SCTE	SCTE-104 to SCTE-35 and ST-2038 VANC data passthrough.

Network

Network Configuration	DHCP preferred, static IP supported
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Physical

Power	300W, 120v/240v switching, IEC
Video	4 x bidirectional SDI Ports
Network	2 LAN Ports; Net 1 (Internet) and Net 2 (AES67/Data/Other)
Data	Serial RS-232
Dimensions	1RU: 17.03" x 14.03" x 1.75", 13.8 lbs
What's Included	IEC power cord