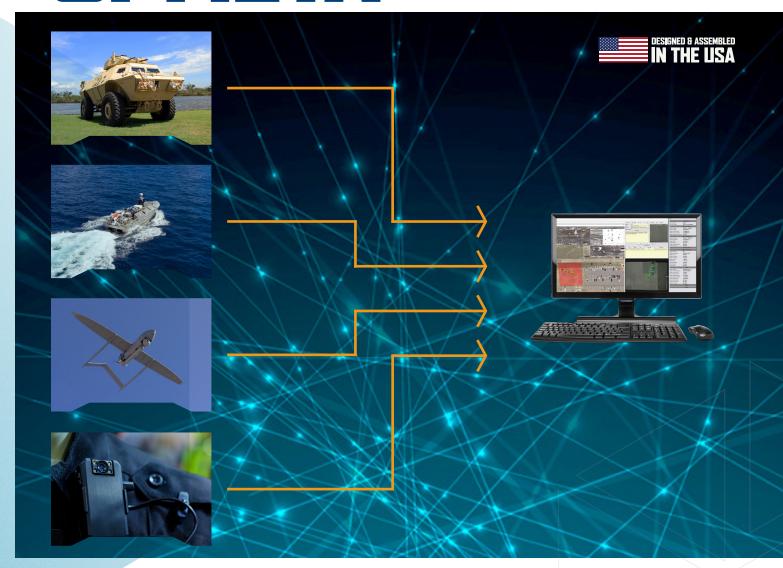# OPMETA™

DESIGNED & ASSEMBLED
IN THE USA

Textron Systems' Opmeta is a high-performance video encoding solution that blends high performance hardware with integrated software to provide a powerful solution to meet almost any video encoding requirement. Providing full support for popular codecs, including H.264 and H.265, Opmeta is capable of supporting data from legacy systems up to 4K. Opmeta is part of the broader Textron Systems geospatial portfolio with integrated support for both SeeGEO™ for data archive, discovery and collaboration as well as Optice™ for highly intelligent, AI enabled visual workflows.

TextronSystems.com

TEXTRON Systems

▸ **PUSHING PAST POSSIBLE**

OPMETA

BENEFITS

> Programmable to support a variety of cameras

> High quality without compromising latency pass through

> Full motion video (FMV) analytics/VMTI

FEATURES

> Ability to resize HD camera input to lower resolutions keeping full field of view

> Supports KLV metadata and compliance with STANAG and MISB standards

> H.265/H.264 Dual Camera Video Streaming

> Interfaces with SDI, LVDS, and Composite cameras

> Control and Monitoring

APPLICATIONS

Inspection Security & Surveillance

Video Conferencing

Industrial

Soldier Deployments

Unmanned Ground Vehicles
Unmanned Aerial Vehicles & Drones
Unmanned Service Vehicles

TECHNICAL SPECIFICATIONS

INTERFACES
> 1X 3G-SDI Input with loop
> 2X Composite Input
> 1X Digital Input

ADDITIONAL INTERFACES
PoE, GigE, Audio Input, RS-485, Composite Output, GP10, Serial 12C

RESOLUTION
1080 (up to 60 fps), 720p, VGA, NTSC/PAL, CIF, and QVGA

VISIBLE CAMERA FORMATS
3 G-SDI, LVDS, NTSC/PAL/RS170*

OUTPUT FORMATS
TP, RTSP, MPEG-2, TS and RTMP

HD AND SD IR FORMATS
3 G-SDI, LVDS, NTSC/PAL/RS170*

VIDEO CODECS
H.265, H.264

RECORDING
USB or Micro SD

HARDWARE SPECIFICATIONS

POWER CONSUMPTION
45W typical while encoding 2 Cameras in H.265 Video to 1080 p 60)

ENCODER BOARD SIZE
58 X 58 MM (2.28 X 2.28IN)

OPERATING TEMPERATURES
-5°C to + 70°C

ENCODER BOARD WEIGHT
87.9G

POWER SUPPLY
12V DC