

# OPMETA™

 **DESIGNED & ASSEMBLED  
IN THE USA**



## IMAGERY & DATA ANALYSIS

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](https://www.textron.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

### VISIBLE CAMERA FORMATS

3 G-SDI, LVDS, NTSC/PAL/RS170\*

### VIDEO CODECS

H.265, H.264

### ADDITIONAL INTERFACES

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

### OUTPUT FORMATS

TP, RTSP, MPEG-2, TS and RTMP

### RECORDING

USB or Micro SD

### RESOLUTION

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

### HD AND SD IR FORMATS

3 G-SDI, LVDS, NTSC/PAL/RS170\*

## HARDWARE SPECIFICATIONS

### POWER CONSUMPTION

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

### ENCODER BOARD WEIGHT

87.9G

### ENCODER BOARD SIZE

58 X 58 MM (2.28 X 2.28IN)

### POWER SUPPLY

12V DC

### OPERATING TEMPERATURES

-40°C to + 70°C