

DISPLAY PORT



STANAG 4609
COMPLIANT



DUAL HD-SDI OR 3G-SDI
STREAMING

H.265
H.264

H.265 AND H.264
ENCODING

Technical

Interfaces

- 2x 3G-SDI Input
- 1x HDMI Input (up to 4Kp30)
- 1x Display Port Input

•Recording

USB, Micro-SD, or NFS

•Streaming

- Supports 2x simultaneous streams of any combination of below interfaces when in Full HD or SD
- 1 input supported with a 4Kp30 Source

•Additional Interfaces

Gigabit Ethernet, Re-clocked SDI loop through, HDMI Output, Audio Input, RS-485, GPIO + UART, RS-232 Serial

Video Codecs

H.265, H.264, MJPEG

Encoding Resolutions

4Kp30, 1080p and 720p (up to 60fps) Laptop VESA Modes (up to 85fps)

Output Formats

RTP, RTSP, MPEG-2 TS, MP4, RTMP, RTMPS, and SRT

Features

- Low Latency, Low Power
- Cyber Secure Features Available, SNMPv2, SNMPv3 and the ability to turn off unneeded services
- User Level Authentication Settings Available
- Simultaneous encode of H.265/HEVC and H.264
- Record to USB or Network File System
- Control via HTTP/HTTPS web GUI, API, ONVIF or SSH/Serial
- SRT Modes Supported: Caller, Listener, Rendezvous, SRT Encryption, AES-128,192,256
- Live Video Preview in the Web Gui
- Multicast and Unicast Support
- Text Overlay via Web Gui or custom placement of Text or PNG via HTTP/S API
- RS-485 Pelco D Support, 3 configurable serial ports
- Dual output displays or PIP Mode Support
- STANAG 4609 Compliant
- Embedded KLV Metadata Support via SDI or Serial, MISB 0601 Compliant
- High Precision Timestamps Across Multiple Streams, MISB 0604 Compliant
- AI Ready for on the edge analytics

ORDERING INFORMATION

DME-20

Included Cable Kit

- Power Supply
- Serial Cable
- 2x MCX to BNC Cables

APPLICATIONS

Security and Surveillance

Military Systems

Broadcast A/V Applications

Customized Applications



Made in the USA



***Contact Z3 Technology for Customized Product Options**

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ZFinder Application

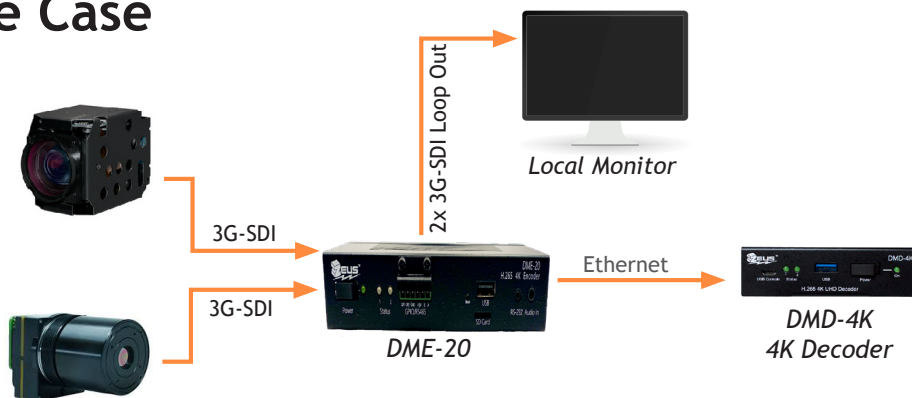
- Quickly find the device on your network
- Easily configure the IP addresses of each encoder from the default IP settings
- Seamlessly handle software updates for multiple devices

Specifications

DME-20 Size	76.2 x 160.02 mm (3 x 6.3 in)
DME-20 Weight	222g
Power	12V DC



Use Case



***Contact Z³ Technology for Customized Product Options**
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Z³ Technology[®]

Z³ Technology is an industry-leading, USA-based manufacturer of production-ready embedded multimedia solutions and IP camera systems. From our founders to our world-class engineers to our sales and customer service team, we understand your requirements and speak your language. Our experience allows us to provide cost-effective solutions to meet your multimedia product requirements. With the assistance of our robust worldwide distribution and sales networks, we can provide a simple solution for your multimedia needs.