DME-20
Dual SDI Encoder with Display Port

by Z3 Technology

DISPLAY PORT

STANAG 4609 COMPLIANT

DUAL HD-SDI OR 3G-SDI STREAMING

$\dfrac{H.265}{H.264}$

H.265 AND H.264 ENCODING

Technical

Interfaces	• 2x 3G-SDI Input • 1x HDMI Input • 1x Display Port Input
• Recording	USB, Micro-SD, or NFS
• 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

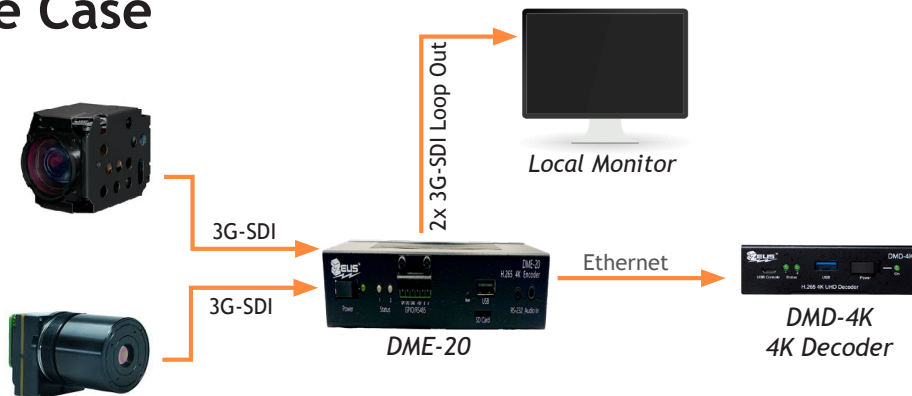Customed Applications

Made in the USA

Zfinder Application

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

Specifications

Application Board Size	76 x 142mm (2.99 x 5.59 in)
Encoder Weight	223g
Power	12V DC
Power Consumption	6.5W

Use Case

*Contact Z³ Technology for Customized Product Options
sales@Z3technology.com   +1.402.323.0702   www.Z3technology.com

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.