



FSDI2-14A

Dual SDI Encoder with SDI Passthrough

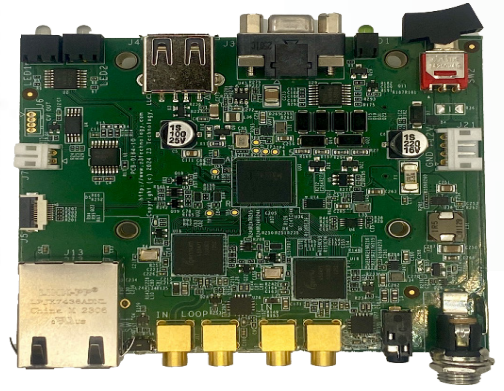
- KLV Metadata, STANAG 4609 Compliant
- Dual HD-SDI Streaming with Passthrough
- H.265, H.264 and MJPEG Video Streaming
- Simultaneously Stream and Record

Technical

Interfaces	• 2x 3G-SDI Input • 2x SDI loop through output
Recording	USB, Micro-SD, or NFS
Additional Interfaces	Gigabit Ethernet, GPIO x2, RS-232 2.5mm Jack Serial I/O (RS-485, RS-422, RS-232)
Video Codecs	H.265, H.264, MJPEG
Encoding Resolutions	1080p and 720p (up to 60fps)
Output Formats	RTP, RTSP, MPEG-2 TS, MP4, RTMP, RTMPS, and SRT
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
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

Specifications

Encoder Board Size	75 x 86 mm
Encoder Board Weight	82g (heat pipe is an additional 25g)
Power Consumption	4.5W typical while encoding 2 cameras in H.265
Power Supply	12V DC



ORDERING INFORMATION

FSDI2-14A-RPS *Included Cable Kit*

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

FSDI2-14A *OEM Production Set*

- FSDI2-14A Encoder Boards

Note: Cables sold separately

APPLICATIONS

Security and Surveillance

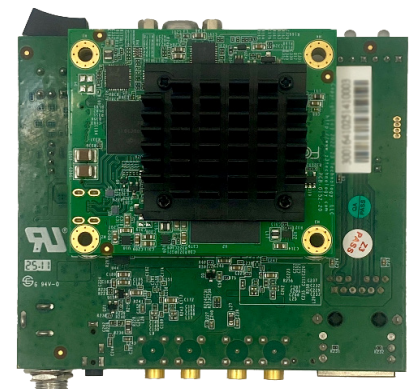
Military Systems

Broadcast A/V Applications

Customized Applications



Made in the USA

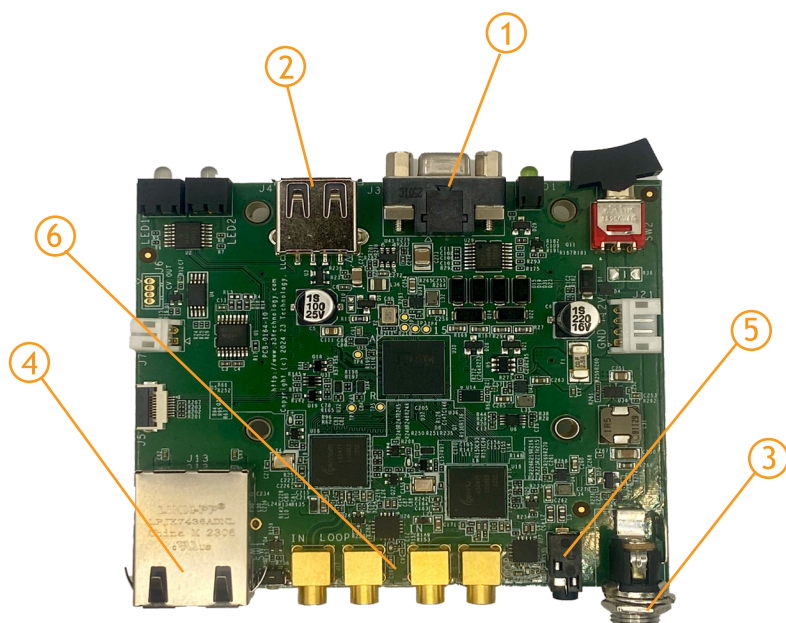


***Contact Z3 Technology for Customized Product Options**

sales@Z3technology.com

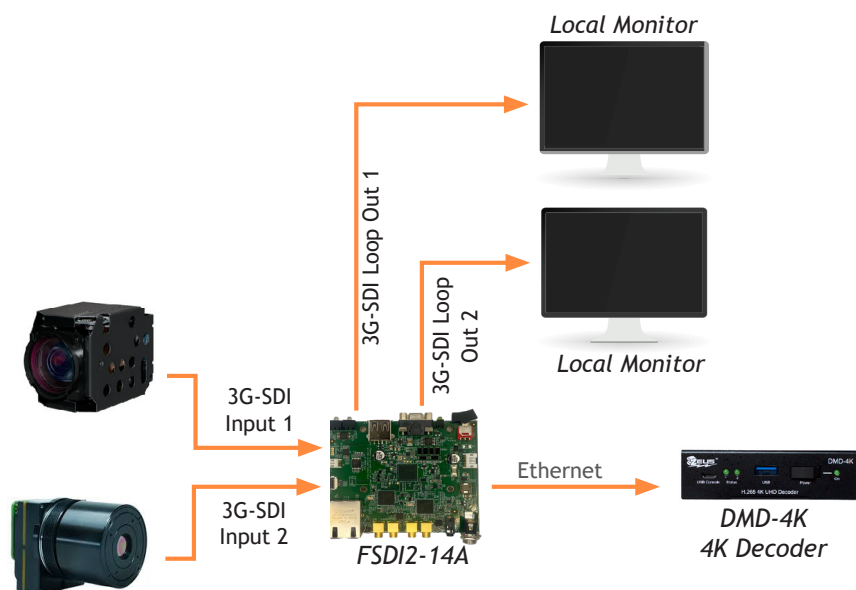
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www.Z3technology.com



- ① UART Connection
- ② USB 2.0
- ③ 12V Power
- ④ Gigabit Ethernet
- ⑤ RS-232 Serial Console
- ⑥ SDI Input and Loop

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.