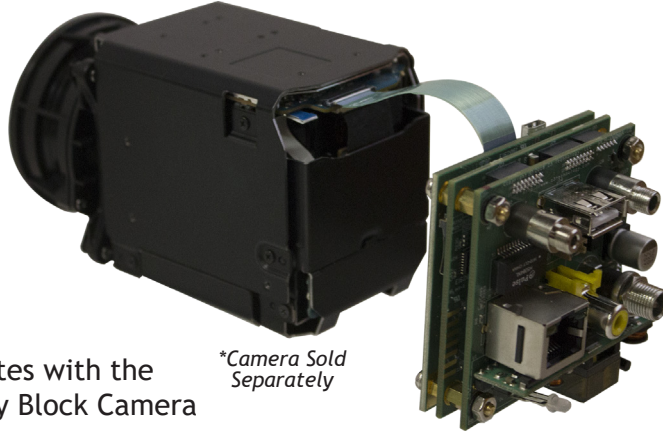




**Z3**  
Technology®



*\*Camera Sold Separately*

- Natively integrates with the FCB-ER8300 Sony Block Camera
- Pass VISCA™ Camera Control Commands over IP, ONVIF® Profile S
- High Quality Efficient H.265/HEVC Video Encoding
- Low Bandwidth, Low Latency Video Encoding
- Easy-to-Use HTTP-Based Control Interface

The HE4K-DCK-10 is a compact encoder system designed to enhance Sony's 4K FCB-ER8300 Block Camera. The hardware consists of encoder boards capable of encoding H.265/HEVC video in HD and Ultra-HD resolutions. The boards feature on-board interfaces including GigE, USB 2.0, RS-485, Microphone Input and Composite Out. These features combined with the existing capabilities of the Sony Block Camera allow for a complete compact HEVC 4K video encoding solution. Users are able to purchase the HE4K-DCK-10 as an OEM starter kit or a complete package that includes an optional enclosure for the entire solution.

## Technical

Interfaces	Video from Sony FCB-ER8300 via KEL ribbon cable <sup>1</sup> , GigE, USB 2.0, Microphone Input, RS-232, RS-485, Composite Output and Optional Micro HDMI Input*
Video Codecs	H.265/HEVC, H.264 and MJPEG
Encoding Resolutions	4K UHD & HD up to 30 fps(2160p, 1080p, 720p & lower)
Output Formats	RTP, RTSP, MPEG-2 TS and RTMP <sup>2</sup>
Features	<ul style="list-style-type: none"> <li>• Low latency, Low Power</li> <li>• Pass VISCA™ Camera Control Commands over IP</li> <li>• ONVIF® Profile S with Media Services 2.0</li> <li>• Simultaneous encode of H.265/HEVC and H.264</li> <li>• Power over Ethernet (PoE)</li> <li>• Optional Chassis for Camera and Encoder Board*</li> <li>• Compatible with ZEUS® HE4K-01 Decoder<sup>2</sup></li> </ul>

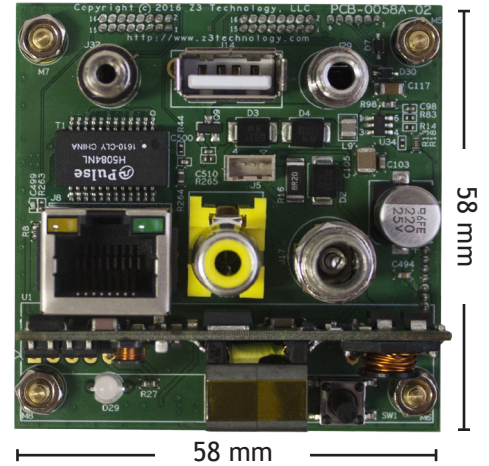
<sup>1</sup> KEL ribbon cable sold separately  
<sup>2</sup> In H.264 mode only

## Specifications

Encoder Board Size	58 x 58 mm (2.28 x 2.28 in)
Power Consumption	4.5W typical while encoding H.265/HEVC video in 2160p30

# HE4K-DCK-10

*\*Actual Size*



## ORDERING OPTIONS

### HE4K-DCK-10 OEM Production Set

- HE4K-DCK-10 Encoder Boards
- Documentation

*Note: Sony FCB-ER8300 Camera Block and KEL Ribbon Cable sold separately\**

### HE4K-DCK-RPS OEM Starter Kit

- HE4K-DCK-10 Encoder Boards
- KEL Ribbon Cable
- Power Supply
- Software Design
- Documentation

*Note: Sony FCB-ER8300 Camera Block sold separately\**

### Z3Cam-4K™ Complete Solution

- HE4K-DCK-10 Encoder Boards
- KEL Ribbon Cable
- Power Supply
- Enclosure, PoE and Camera Block
- Documentation

## APPLICATIONS

- Security and Surveillance
- Industrial Applications
- Medical Applications
- Customized Applications\*

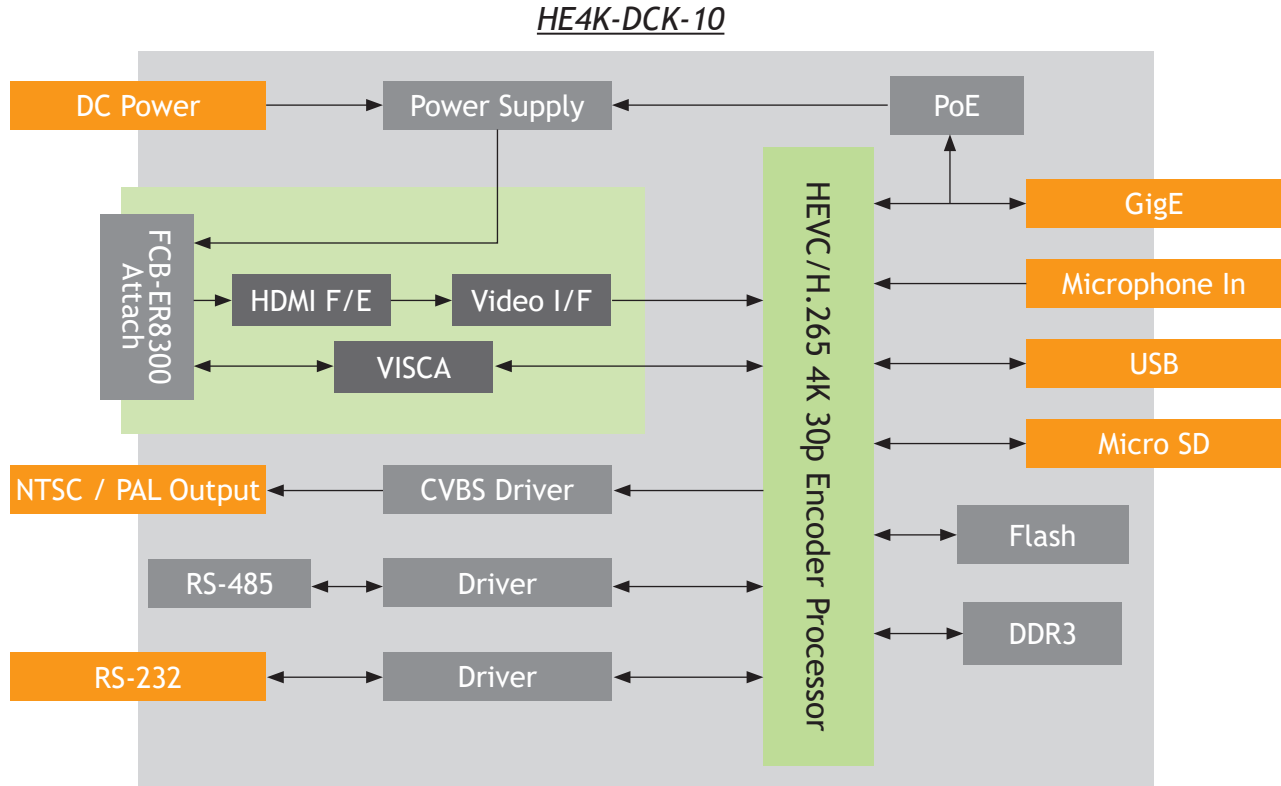


**\*Contact Z3 Technology for Customized Product Options**

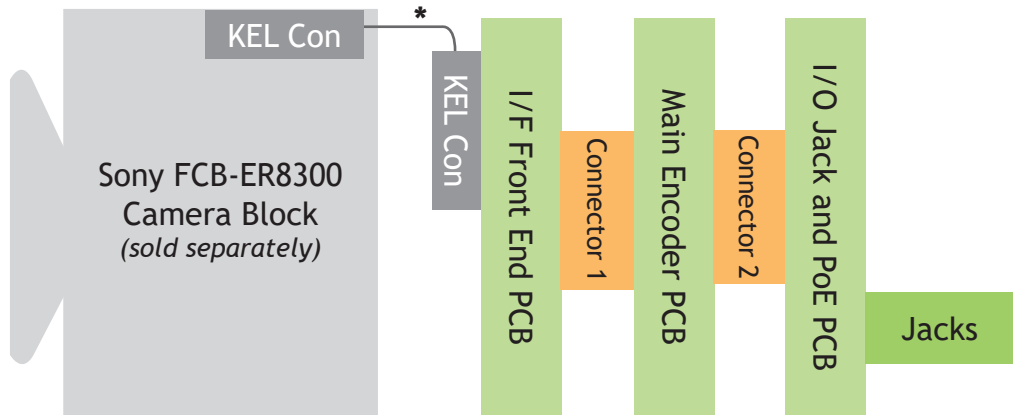
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## HE4K-DCK-RPS Physical



\*KEL ribbon cable sold separately

**\*Contact Z<sup>3</sup> Technology for Customized Product Options**  
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Z<sup>3</sup> 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.

