



Z3
Technology®

Q603-SC

H.265 3G-SDI Encoder

- H.265/H.264 Video Streaming
- Camera Control Commands over IP
- ONVIF® Profile S and T Compliant
- HDMI Video Monitor Output

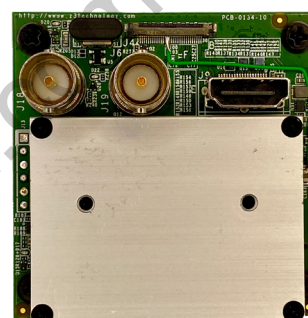
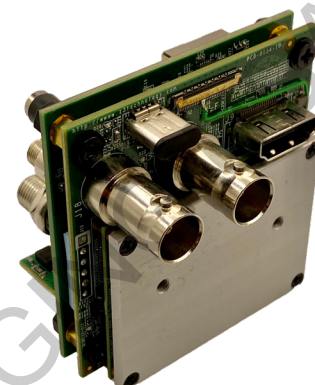
The Q603-SC is a compact encoder system that is a H.265/HEVC and H.264 video encoder designed for easy and portable use. The encoder is capable of accepting 3G-SDI, Composite, or Digital video and producing IP streams that can be sent over Ethernet. Simultaneously stream and record video to either a Network File System, USB or Micro SD card. Control through the web user interface, Serial/SSH, the API or ONVIF. Additional processing is supported within the system to allow for Overlays on the video or data to be sent in the data stream.

Technical

Interfaces	3G-SDI in, Composite in, HDMI Out, Sony LVDS via KEL, POE enabled Gigabit Ethernet, USB 3.1, Audio Input, RS-232, Serial I/O (RS-232, RS-422, RS-485)
Video Codecs	H.265, H.264, MJPEG
Encoding Resolutions	1080p (up to 60fps), 720p, NTSC/PAL, VGA, CIF and QVGA
Output Formats	RTP, RTSP, MPEG-2 TS, RTMP, and RTMPS
Features	• Easy-to-Use HTTP/HTTPS web GUI with live video preview • Low Latency + Low Power • Pass VISCA™ Camera Control Commands over IP • ONVIF® Profile S and T • Simultaneous Stream and Record • Overlay of GPS or NTP Data • Pelco D PTZ Positioning • Absolute PTZ Support • Compatible with ZEUS® DMD-4K Video Decoder • Timestamp and KLV support through overlay or SEI data • SRT Modes Supported: Caller, Sender, Rendezvous & SRT Encryption

Specifications

Product Size	58 x 58 x 50 mm
Product Weight	119g
Power Input	7.5V to 16V DC, 12V DC typ.
Power Supply	12V DC or POE 802.3af/at at class 0



ORDERING OPTIONS

Q603-SC-RPS

OEM Starter Kit

- Q603-SC Encoder Boards
- Cables:
 - BNC to BNC cable
 - KEL Ribbon cable
 - Serial cable & Null Modem Adapter
- Power Supply
- SDK
- Documentation

OEM Production Set

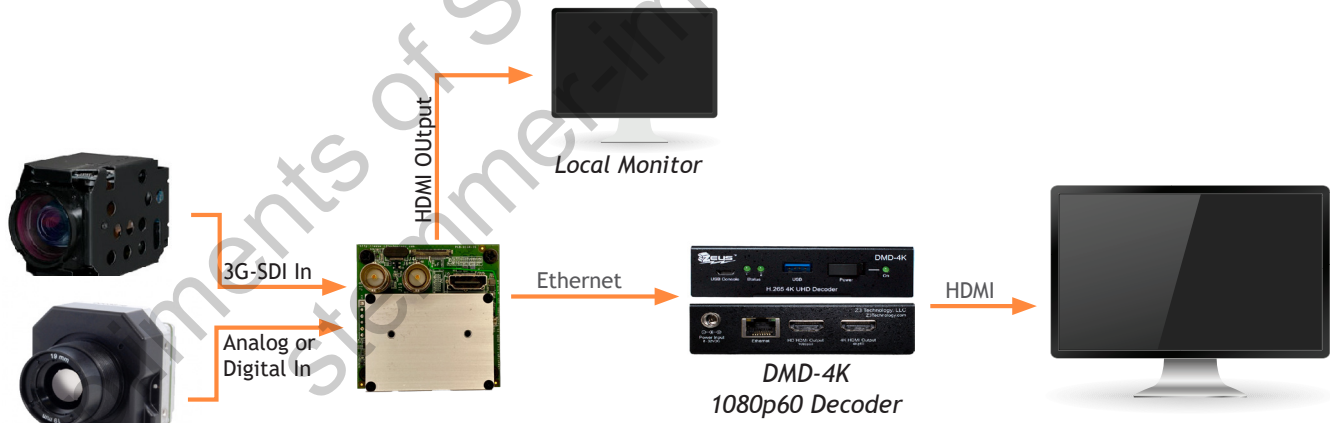
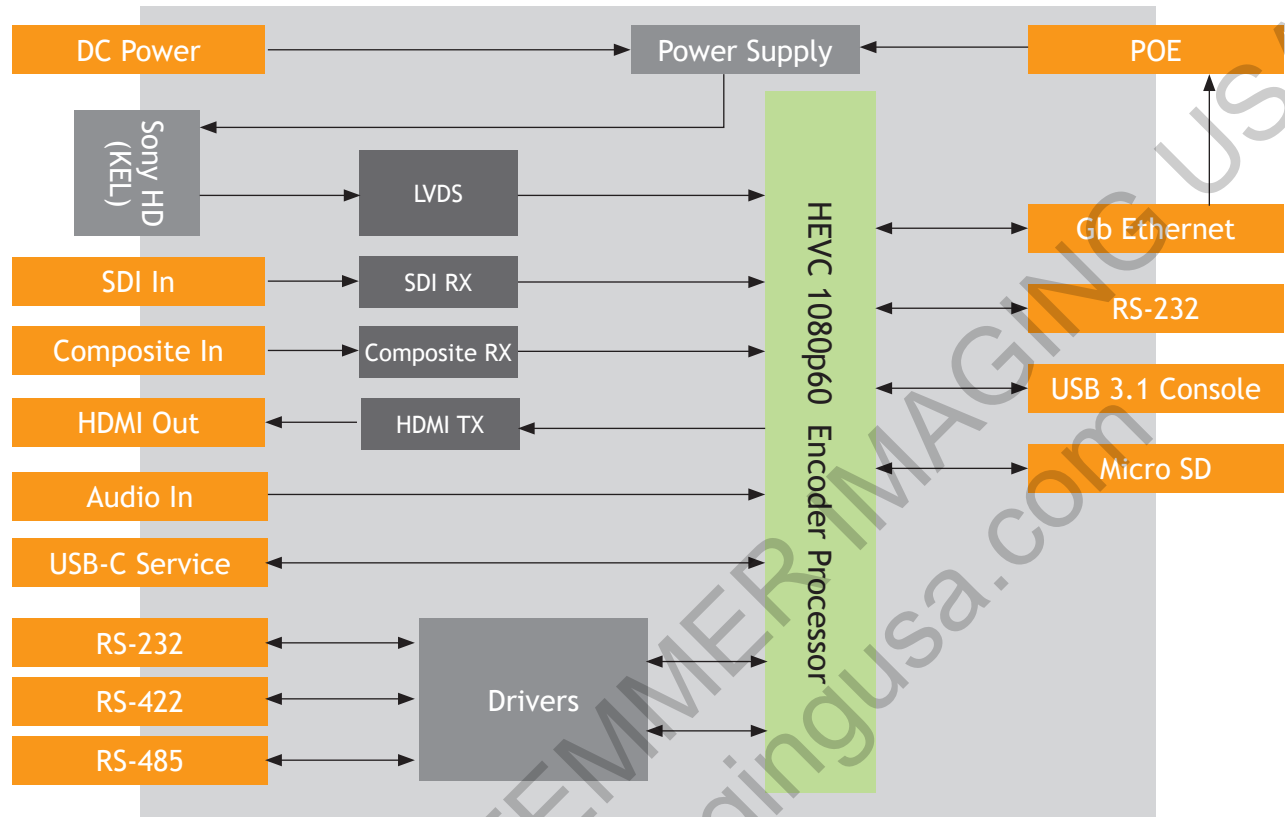
- Q603-SC Encoder Board

*Note: Sony Camera Blocks and KEL ribbon cable sold separately**

APPLICATIONS

Military
Security and Surveillance
Industrial
Customized Applications

Q603-SC



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