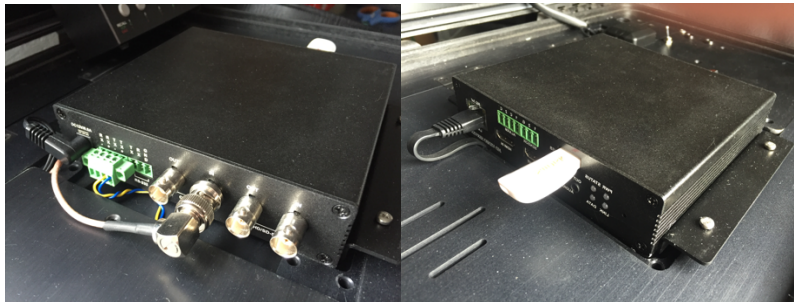


OMNI-SERVE:

Omni-Serve is designed to integrate into TWL's range of products and the integration has been optimized by G8LMW, TWL's design consultants.

ENCODER ONVIF -1080P60 3G HD-SDI / HDMI / CVBS (OMNI-SERVE)



Key Features:

OMNI-SERVE is a full HD Dual stream 1080P60 video encoder supporting 3G-HDSDI, HDMI and Composite video inputs.

Full ONVIF Profile S compliance allows the OMNI-SERVE to be used with various third party viewing software, including Crossfire, for which TWL has exclusive European distribution rights.

With 60 frames per second support, full HD desktops can be encoded from a PC output and streamed using RTSP MPEG-TS or other format.

AAC and G711 two way audio is supported as well as local recording to USB memory. 3G/HD/SD-SDI HDMI and Composite inputs and local display outputs are supported with embedded audio in SDI/HDMI.

Quad streams allow independent control of each streams bit rate resolution and other features.

PoE, RS232/485 communication, Motion detection, sensor and alarm I/O, are just a few of the other features.

Video Bit rates from 32kbps to 16 Mbps are supported as well as numerous protocols like multicasting UDP HTTP SMTP FTP DHCP DNS dDNS RTP RTSP SNMP

Specification:

Max. 60fps at 1920 x 1080

Quad Streaming (H.264/H.264, H.264/MJPEG)

RTSP and MPEG-TS Supported

Two Way Audio Communication (G.711, AAC)

3G/HD/SD-SDI & HDMI & Composite input
Audio Embedded in 3G/HD/SD-SDI & HDMI
Over 30 Types of PTZ Protocol Supported
PoE (Power Over Ethernet)
USB Recording
Watchdog for System Recovery
RS-232, RS-422/485 Communication
Motion Detection
2CH Sensor Input / 2CH Alarm Output
Adjustable Video Bitrate : 32Kbps ~ 16Mbps for Primary Video, 32Kbps ~ 1Mbps for
Secondary Video streams
Adjustable Video Data Bandwidth : 2,400bps ~ 115,200bps
Various Protocols : TCP/IP, Multicast, UDP, HTTP, SMTP, FTP, DHCP, DNS, Dynamic DNS, RTP,
RTSP, SNMP
Full Technical Support with SDK & API

Contact Details:

Chris Smith
Technical Director
Tactical Wireless Ltd
+44 (0) 1455 822109