

Low Bandwidth Real-Time Video Streaming

High Capacity Hybrid Video Encoder

Vemotion are specialists in wireless video transmission, encoding and streaming live video over low bitrate networks. Vemotion partners with TSE to offer software and hardware products that allow customers to find the perfect fit for their real-time video transmission requirements leading to the most cost effective solutions.

The TSE-VB-36 acts as a hub for up to eight remote cameras which can be recorded and streamed by connecting to any communications IP network: mobile, Wi-Fi, WAN, or even satellite.

TSE-VB-36 can have a number of different hardware configurations. These include GPS and alarm input/output, analog and/or HD-SDI and/or IP input, and varying numbers of camera inputs. The unit also supports systems for management on board vehicles including a local user interface for full rate camera viewing and control including recorded footage playback, and also a local Wi-Fi user interface option. A full range of extended features exist.

Vemotion software gives you the choice of the resolution and frame rate you wish to transmit and automatically scales video streams dependent on the networks capability. The standout feature is the low latency and high quality images at low bitrates impossible with competitor's systems.



Part #: TSE-VB-36
Part #: TSE-VB-36-POE

Features

- External Wireless Connectivity: (Optional) LTE / WLAN / UMTS / GSM / GPRS /GPS / Bluetooth
- ONVIF compatible
- Unrivalled reliability and quality video transmission from almost anywhere, including areas of poor mobile network coverage
- POE version available on request

Available on GSA Schedule **GS-35F-0039T**

Tactical Support Equipment Inc.
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For More Information
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Specifications (TSE-VB-36, TSE-VB-36-POE)

CPU	Intel Gen 6 Core i5-6300U 3GHz
Memory	4GB RAM, SATA M305 32GB SSD (OS), WD 1TB HDD 5400rpm
LAN Chipset	1x Intel GBI210-AT & 1x Intel GBI219-LM Ethernet Controllers onboard, Supports PXE, WOL and Teaming
Audio	Realtek ALC888 HD Codec Onboard
Serial Port	2x RS-232, 2x RS-485
USB	4x USB 3.0, 2x USB 2.0 ports for internal
LAN	2x RJ45 ports for GbE, 4x PoE+
Video Port	1x DVI-I
DIO Ports	8x Optical isolated DIO (4x DI, 4x DO), 10pin Terminal Block
Video/Audio Inputs	2x DB9 – DB9 to 4 BNC & 4x Phono (Total of 8 video and audio)
SIM Card Slot	1x SIM Card slots supported onboard
IP Interface	6 x RJ45 with the option of 4 being POE Factory fit option of 4 off POE being M12 connectors
Resolution	Up to 1920x1080
Storage Interface	1 TERABYTE (Larger Sizes & Removable SSD Optional) 1 x 2.5" Drive Bay for SATA Type HDD/SSD, plus removable SSD option
POE (Optional)	POE+ (plus) - Will power equipment 50 to 57 Vdc with a current of 600mA, providing 25W at the powered device after voltage drop within the cable.
Power Supply / Consumption	9-42VDC / 2.6A full load
Power Management	Vehicle Ignition, Power Off Delay
Construction	Aluminum Alloy
Operating Temperature	-40 degrees C to 70 degrees C
Dimensions	203mm x 142mm x 66.8mm (7.99" x 5.59" x 2.63")
Weight	1650g (3.63 lbs.)
Certification	CE, FCC Class A, EMark Pending, EN50155, EN50121-3-2

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