

Datasheet

VB-ST100 – Rugged Milspec Hybrid Encoder

The rugged VB-ST100 Milspec Hybrid Encoder is a complete video surveillance system handling both Analogue and IP camera types. Control input providing local and remote control via 3G/4G transmission links, with high quality encrypted video transmission over the Vemotion platform.

12 volt operated with Apec GAPS power control, the Digihub will provide the user with an unrivalled suite of mission critical capabilities to support tasking projects in a wide variety of situations.

GPS positioning, alarm triggers with GSM alert, HD quality recording (selectable) on removable HDD 256GB standard or on SD Card, multi-channel recording, streaming and switching (Vemotion licence



IP67 standard housing makes the VB-ST100 ideal for use in tough environments and where simple connectivity is required. Easy access to SIM and SD cards through the sealed door. Together with the Apec ATS range of HD Digital cameras creates a powerful video surveillance tool using leading edge technology.



FEATURES:

- Up to 4 HD IP/Analogue Camera Inputs
- Mic Level Audio Input
- Multi-Control Capability (local & remote)
- GSM Alert & Power Switch (GAPS) functionality
- Active POE 802.3af
- External LAN connection
- 10.5 to 15 Volt DC Operation
- Alarm input triggers
- Breakout connector for config with USB 2.0





VB-ST100 Rugged Milspec Hybrid Encoder Technical Specification

Hardware

| | |
|------------------------|------------------------------|
| Housing: | Formed Aluminium |
| Finish: | Black Powder Coat |
| Dimensions: | H 103mm x W 325mm x D 205 mm |
| Weight: | 2kg |
| Operating Temperature: | -10 to 50 degrees |
| Voltage: | 10.5 to 15V DC |
| Current Draw: | <3 Amps (with one camera) |
| Operating System | Windows 7 |

Connections

| | | |
|----------------------|-------|------------------------------|
| Camera's | Qty 4 | Amphenol SCE Series (14 way) |
| External Recorder | | USB 3.0 |
| Controller's | | Amphenol 62GB Series (6 way) |
| Antennas GPS, GSM x2 | | TNC |
| Power In | Qty3 | Amphenol 62GB (3 way plug) |
| Power Out | Qty1 | Amphenol 62GB (3 way socket) |
| LAN | | Ruggedized RJ45 |

Features

Vemotion video encoding for IP and analogue camera input
Weatherproof IP67
LED Status display
Either internal HDD recording OR SD Card
Multi stream recording / streaming (licence permitting)
WiFi connection
Alarm/Tamper alert

Equipment Options

Up to 4 x PTZ IP Cameras
Up to 4 x PTZ analogue cameras
SD card recording / Internal HDD 256GB (included)
Local IP camera controller
Local analogue camera controller
External video recorder option
SSD Hard Drive recorder in varying capacities

SIM required for GAPS operation and for Video modem (not supplied)