The Shadow Ku-Band VSAT is a flat panel Very Small Aperture Terminal (VSAT) providing high-speed data for Internet, Video and VPN connectivity. The terminal is designed for ease of transport and missions requiring inconspicuous travel, fitting easily into a backpack or laptop-sized and is light enough to be stowed in a commercial airline’s overhead compartment. Integration of the modem, RF components and antenna into a single assembly greatly reduces setup to operational time to less than five minutes. The embedded ViewSat-e GUI, integrated GPS and compass simplify the satellite pointing process.

**ANTENNA/PEDESTAL**
- **Type**: 16.6 x 11.7 in Flat Panel
- **Acquisition**: Manual
- **Elevation**: 0° to +90° with ± 10º (fine tune)

**BAND SUPPORT**
- **RF Performance**: Ku-Band
- **Transmit (GHz)**: 13.75 to 14.5
- **Receive (GHz)**: 10.95 to 12.75
- **Polarization**: Linear
- **G/T (dB/K)**: 8.0
- **EIRP (dBW)**: 43.0

**MODEM INTEGRATION**
- iDirect 950mp

**CERTIFIED TO OPERATE ON**
- Intelsat FlexGround

**DATA INTERFACES**
- **Data Ports**: 2 LAN
- **GPS**: Internal (external via USB)
- **WIFI**: 802.11a/b/g/n (20 Mbs device to modem throughput)

**POWER**
- **AC**: 90-264 VAC; 47-440 Hz
- **DC**: 10-36 VDC (with external DC adapter)
- **Battery**: Up to (2) BB-2590 batteries
- **Consumption**: 225 W

**SYSTEM SIZE AND WEIGHT**
- **Weight**: 26.5 lbs
- **Dimensions**: 16.6 H x 11.7 W x 4.5 D in (42.2 H x 29.7 W x 11.43 D cm)

**ENVIRONMENTAL**
- **Temperature**: Operational: -32°C to +50°C
  Storage: -40°C to +60°C
- **Wind Loading**: 15 mph, guesting to 25 mph
- **Dust/Water Resistance**: IP66

*Power options vary depending on system configuration.*
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