

ELITE Access Datasheet

KEY FEATURES

- ▼ Easily connect classified devices such as laptops to public networks
- ▼ Integrated Wi-Fi, cellular and cabled network ports
- ▼ Support for satellite connectivity
- ▼ Automatic switching between available connections to maintain connectivity
- ▼ Supports voice, video and data connectivity



IP Router



Acceleration



Network Security



Secure Voice



VoIP



Hand Portable

ELITE Access can easily connect classified devices to public wireless, cellular or wired networks when on the move.

SIMPLE ERGONOMIC DESIGN

The ELITE Access has been designed to be portable and simple to transport. Its compact wedge design allows users to easily carry the ELITE Access within their laptop bags or hand luggage when traveling.

INTEGRATED TOUCHSCREEN

The integrated touchscreen allows users to easily connect their classified devices to public networks with little or no training.

SMART NETWORK SELECTION

Users set priorities to identify the networks they prefer. This could help minimize costs on more expensive networks, such as satellite or cellular, when Wi-Fi networks are available.

AUTOMATIC NETWORK SWITCHING

The unit intelligently monitors available networks and will automatically switch networks, based on availability or user preference. Switching can occur across all inbuilt Wi-Fi, 3G, satellite and fixed line network ports, and via USB connected devices, such as 4G LTE dongles.

INDUSTRY LEADING SECURITY

The ELITE Access comes with support for IPSec tunneling as standard, and other security features to ensure communications remain private.

OPTIMIZATION & ACCELERATION

Integrated voice optimization and data acceleration features can reduce bandwidth requirements by up to 65 % and increase downloads speeds.

Technical Data

MECHANICAL

Form Factor:	Standalone enclosure
Operating Conditions:	0 to 50degC ambient air temperature 0-85 % RH non-condensing
Storage Conditions:	-30 to 80degC ambient air temperature 0-95 % RH non-condensing
MTBF:	TBC
Dimensions:	6.34 x 6.93 x 1.26in / 161 x 176 x 32mm
Weight:	1.98lb / 0.9kg
Electrical:	
Nominal Rating:	12V DC@3A
Input Voltage Range:	The ELITE Access requires 10-15V DC@3A which may be provided by the power adaptor included with the product and/or an external 12V battery. The power adaptor requires 100-240V 50/60Hz for correct operation.
Consumption:	15W max, typical 12W
Part number:	ELITE/ACCESS
Cooling:	Low noise (35dB/A) fan
Display:	5" TFT LCD display with capacitive touch panel, 800x480 pixel
Indicators:	Per ethernet port yellow/green LEDs
Night mode button:	Extinguishes all LEDs and display backlight
Connectors:	
DC Power:	3-way locking power connector
Battery:	3-way locking power connector
PWR OUT:	4-way locking power connector
WAN, CT Ethernet:	1 + 2 x 8-way RJ45 switched
WLAN:	2.4GHz and 5.2GHz bands, 2 dual internal omni-directional antennae
WWAN:	850/900/1800/1900MHz bands, single internal omni-directional antennae
USB:	2 x USB2.0
USB/SATA:	USB2.0/S-ATAII
Removable storage:	
SIM slot	Mini-SIM
SD slot	32GB capacity Class 10 SDHC card included

FUNCTIONAL

10/100base-T Ethernet ports:	
Number of Ports:	1 x CT and 2 x WAN
Presentation:	Auto-MDIX
Formats:	IEEE 802.3i(10base-T), IEEE 802.3u(100base-TX)
Protocol Support:	DNS Client, DHCP Client/Server, Telnet, SSH, NAT
Functionality:	Static routing, IPv4 router, DHCP Client/Server, Fragmentation and Reassembly
WLAN port:	
Functionality:	IEEE802.11a, IEEE802.11b, IEEE802.11g, IEEE802.11n (subject to limitations)
WWAN port:	
Functionality:	2G, 2.5G and 3G operation

SOFTWARE FEATURES

Operating System:	OPUS including Multi-bearer, Secure and Enhance (SCPS and PACE+ optimization) Application Modules
Tunneling Protocols:	IPSec, IP-in-IP, GRE plus others (Detailed list available on request)
Encryption Algorithms:	DES, AES 128-bit, AES 192bit, AES 256bit, Null plus others (Detailed list available on request)
Authentication Algorithms:	MD5, SHA1 96 -160bit, SHA2 256bit - 512bit plus others (Detailed list available on request)

Information subject to change. Correct at time of printing. July 2016.

ELITE Access is a product under continuous development.

Please be advised that this product is subject to UK dual use export control restrictions.

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