



WideEye – Sabre I

The SABRE• I combines a robust, compact design with performance and optimal flexibility. It is equipped with a range of common interfaces, providing connectivity options in the field and the swiveled antenna facilitates rapid and easy pointing for a satellite connection. Combined with its sub-laptop size, the terminal is ideal for single users who need to set up a complete broadband mobile office in frequently changing locations.

The main characteristics are :

- Small, light and mobile
- Streaming up to 384 Kbps
- Access to the following services: voice calls, high speed data transmission, Internet, IP voice, video streaming up to 64 Kbit/s.
- USB, Bluetooth and RJ11 voice interfaces.
- Voice with dedicated handset:



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Spécifications



Radio

Frequencies

Transmit 1525 MHz – 1559 MHz
Receive 1626.5 MHz – 1660.5 MHz

Modulation

Transmit QPSK et 16QAM
Receive pi/4 QPSK

Antenna

Type integrated
Gain 8.5 dBic

Débit

Transmit Up to 384 Kbps
Receive Up to 240 Kbps
Streaming IP 32, 64 Kbps

GPS

Integrated with satellite antenna

Interfaces

Port USB

Standard USB specification 1.1
Configuration Windows 2000 et XP, Mac OS 10.1, Redhat 6.0
Connexion Type B USB
Cable length 5m maximum

Telephone

Standard 600 Ohms CCITT Rec 473
Connexion RJ11

Ethernet / LAN

Standard IEEE 802.3 BaseT
Bandwidth 10 Mbps
Configuration Windows 2000 et XP, Mac OS 10.1, Redhat 6.0
Connexion RJ45
Longueur câble 100m sur CAT5 maximum

Bluetooth

Standard Bluetooth spécification 1.1
Bandwidth 2.4 GHz Band ISM
Capacity 1 Mbps

Bluetooth Handset



Wired RJ-11 handset



Electrical data

DC Input 10 – 15 VDC
12 – 28 VDC with cigar lighter

Power

Stand by 0.67 watts
Transmit 22 watts on battery
42 watts on travel charger

Travel charger

Input 100 – 240 VAC, 47 – 63 Hz
Output 15 VDC

Battery

Type Lithium ion
Autonomy 1h transmit
3h receive
36h stand by

Possible Applications

VPN Client Based on PPTP, LT2P& IPSEC
VoIP H.323 et SIP
FoIP T.37 et T.38
MPEG streaming H.263 et H.264
E-Mail POP3, SMTP et IMAP
Mail Yahoo & MSN Messenger
Conference Microsoft Netmeeting

Physical data

Dimensions 254 x 180 x 59 mm
Weight 1.2 Kg

Environment

Temperature in operation

Charging 0°C to 40°C
Battery 5°C to 40°C

Temperature in storage

Sans batterie -40°C to 80°C
Avec batterie -20°C to 60°C

Humidity conditions

Operation 95%
Storage 5% RH at 95% RH

IP protection

IP54

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