

ICON Satellite Terminal

Features

- Maximum 5 Mbps download and 4 Mbps upload speeds*
- Embedded CPU
- Adaptive Coding and Modulation (ACM)
- Turbo Product Coding
- Low Power Consumption



Technical Specifications

PHYSICAL SPECIFICATIONS

Dimensions (H x W x D)	25.075 x 20.974 x 5.969 cm
Gross Weight	~1.2 kg
High Reliability Power Supply	90 to 240 VAC
Power Consumption	670 mA max @ 110 VAC 335 mA max @ 220 VAC
Activity Indicator	LED indicators for connection, network activity, power on/off and satellite link

ELECTRICAL SPECIFICATIONS

Status and Control User Interface Software	Web-based Graphic User Interface (GUI)
Status Monitor Functions	Es/No, Rx signal strength, Rx lock, Rx/Tx bytes, Rx/Tx bit rates, connection status
Supported Protocols	UDP/TCP/IP (with advanced TCP acceleration), DHCP for client PCs, IP address assignment, IP multicast, GRE tunneling (with TCP acceleration) and other VPN tunneling (no TCP acceleration)
Interface	10/100 Mbps Ethernet (RJ45)
Receive/Transmit Data Rate	Maximum 5 Mbps/4 Mbps*
Satellite Access	Always-on or manual login/logout
Receive Turbo Code Rates & Modulation and Code	IPSTAR TOLL format with more than 14 combinations of modulation rates: 0.325 QPSK, 0.495 QPSK, 0.619 QPSK, 0.660 QPSK/8-PSK, 0.793 QPSK/8-PSK and 0.835 QPSK/8-PSK
Transmit Turbo Code Rates & Modulation	IPSTAR STAR format with turbo code rates: 0.660 QPSK, 0.793 QPSK and 0.816 QPSK/8-PSK
IF Receiver/Transmit Frequency	Receive 1550 to 2050 MHz, transmit 950 to 1450 MHz

* Maximum throughput is not applicable for simultaneous download and upload. Maximum throughput for simultaneous download and upload is 4 Mbps receive and 2 Mbps transmit.