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DT740 Auto Deploy

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Get mobile satellite Internet.

DirecStar® Touch-Screen Controller

Patents Pending

DIRECSTAR®

MOBILE SATELLITE INTERNET SYSTEM

For people on the move who need to stay in touch

MOBILE SATELLITE SYSTEM FEATURES

- Fully automatic, cost effective, high speed bandwidth services
- Deploys rapidly with one click connectivity for quick signal acquisition
- Works on virtually any satellite Internet broadband platform worldwide
- Delivers Real-time IP, video, voice, audio and data communications virtually anywhere anytime
- Quick, reliable, user-friendly, and secure Internet service

AUTOMATIC MOBILE CONNECTIVITY FOR:

RV customers
New organizations
Emergency medical and service providers
Oil and gas companies
Construction sites
Mobile education
Mobile office applications of all kinds
Broadband and video conferencing for all industries

Get linked anytime, anywhere.

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FEATURES & BENEFITS

- Secured Private Networks
- Transportable Wi-Fi Access
- Virtual Private Networks (VPN)
- Voice-Over Internet Protocol (VoiP)
- Universal broadband satellite capability
- Fully automatic rapid satellite acquisition
- Real-time webcasts via multicast delivery and streaming
- 0.74 meter antenna reflector (0.98 & 1.2-meter options available)
- Simple 'touchscreen' controller enables broadband access in one-to-two 'clicks'
- No computer and/or network needed to acquire and lock on satellite
- Auto and fail safe stowing
- Robust low profile design

Application availability is dependant upon satellite bandwidth service.

Patents Pending

DIRECSTAR®
MOBILE SATELLITE INTERNET SYSTEM

Technical specifications

GENERAL INFORMATION
Deployed Height: 36.5" Max (92.71cm)
Stowed Dimensions: 56" L x 39"W x 12.50"H
(142.24cm L x 99.06cm W x 31.75cm H)
Refelector Type: 0.74 (Optional 0.96 and 1.2 meter)
Effective Elliptical Offset
Polarization: Dish rotation Cross-Pol Isolation 35dB - 30dB minimum
Weight: Approx. 123 lbs (56 Kilo)

MOUNT ROTATION
Azimuth: 370°
Elevation: 90° to Horizon
Skew (Polarization): + - 45°

ENVIRONMENT
Deployed Wind Resistance (Ku Band): 60m.p.h (96Km)
Stowed Wind Resistance: 140 m.p.h (225Km)
Operational Temperature: -20°F to 125° F (-29°C to 52°C)

DEPLOYMENT SENSORS
Global Positioning Satellite (GPS): Yes
Compass: + - 2°
Tilt Sensors: + - 0.5°

CONNECTIONS & CABLING
Satellite (DBS) TV: NA in Europe
Transmit (TX): RG6
Receive (RX): RG6
Electrical Data Interface: RG6 Max 100' (38.5m)

VOLTAGE & POWER
Motor Voltage: 24V DC 5 Amp Max draw

ACQUISITION SPEED
Deploying Elevation: 7° per/second
Stowing Elevation: 10° per/second
Deploying Azimuth: 14° per/second
Peaking (Cross-Pol) Ku Band: Dependant upon satellite ISP
Average Overall Acquisition Time: 1 to 3 minutes

IDU - CONTROLLER
Touch Screen / WinCE system
interfaces: (3) Ethernet RJ45 (10x100), (2) USB A,
(1) USB B, (1) Serial 9 Pin
Dimensions: 10.25" L x 10.0"W x 2.0"H (stowed)
(26.04cm L x 25.40cm W x 5.08cm H)
Voltage / Power: 120V or 240V AC 5 Amp Max draw