



**DT 740**<sup>TM</sup>  
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  
News organizations  
Emergency medical and service providers  
Oil and gas companies  
Construction sites  
Mobile education  
Law enforcement, military, and government organizations  
Mobile office applications of all kinds  
Broadband and video conferencing for all industries

Get  
**linked**<sup>TM</sup>  
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
- .74 meter antenna reflector (.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
- Simultaneous satellite/HDTV reception options
- Auto and fail safe stowing
- Robust low profile design

STOW HEIGHT  
12.5" (129.85 cm)



PATENTS PENDING

Application availability is dependent upon satellite bandwidth service.

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## 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 99.08cm W x 31.75cm H)  
Reflector Type: .74 .98 and 1.2-meter  
Effective Elliptical Offset  
Polarization: Dish rotation Cross-Pol Isolation 35dB - 30 dB minimum  
Weight: Approx. 110 lbs.

### MOUNT ROTATION

Azimuth: 370°  
Elevation: 90° to horizon  
Skew (Polarization): + - 45°

### ENVIRONMENT

Deployed Wind Resistance (Ku Band): 60 m.p.h.  
Stowed Wind Resistance: 140 m.p.h.  
Operational Temperature: - 20° F to 125° F

### DEPLOYMENT SENSORS

Global Positioning Satellite (GPS): Yes  
Compass: + - 2°  
Tilt Sensors: + - .5°

### CONNECTIONS & CABLING

Satellite (DBS) TV: Wired for dual set top boxes  
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:  
Average Overall Acquisition Time: 1 to 3 minutes

### IDU - CONTROLLER

Touch Screen Interface  
Interfaces: Ethernet RJ45 (10x100), USB A, USB B,  
(2) Serial 9 Pin  
Dimensions: 8.5" L x 4.0" W x 4.5"H (21.59cm L  
x 10.16cm W x 11.43cm H)  
Voltage/Power: 120V AC 5 Amp Max draw

*For more information or to place an order,  
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