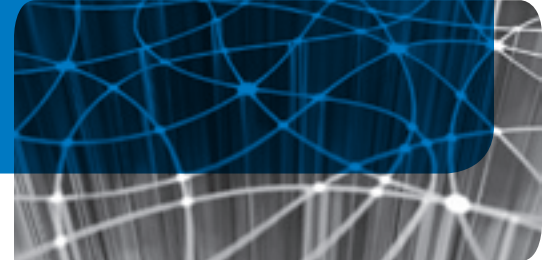


Auto Deploy System



IMMEDIATE DEPLOYMENT SATELLITE COMMUNICATIONS SOLUTION

Communication and access to information are vital in any emergency situation. Tachyon's Auto Deploy solution enables field personnel to be online and connected to the Internet, public telephone network and secure private networks in a matter of minutes. Auto Deploy was designed offer organizations that need fast, reliable and transportable primary broadband network access for:

- Emergency Response Services
- Temporary Field Locations
- Remote Industrial Operations such as Oil Rigs, Mines or Construction Sites
- Mobile Telemedicine
- Special Events

The Auto Deploy is very compact, rugged and light-weight. It includes a satellite dish, radio and Tachyon's IPTransport (Indoor Unit) that functions like a TCP/IP standards-compliant router. With just the touch of a button the motorized antenna system automatically deploys, locates the correct satellite and locks-on to Tachyon's high-speed broadband satellite network with guaranteed QoS. Now network access is available within minutes without the need for specially trained field personnel to deploy or operate the system.

Flexible and Easy to Use

- One-Button, Self-Pointing Satellite Lock-On
- Reduced Installation Time and Deployment Costs— No Need for Tools or Specially Trained Field Personnel
- Uninterrupted Access to The Internet or Private Networks
- Terrestrial-Like Speed, Throughput and Performance With Guaranteed QoS

Extend Your Investment

As with all Tachyon products, the Auto Deploy is fully compatible with our industry leading services including data, VoIP and Secure Traffic Accelerators. Whatever your requirements, you can rely on fast, bullet-proof delivery of information to and from temporary sites.

Your Single Source Provider

The Auto Deploy is a fully supported solution including installation, field support and warranty. The Auto Deploy is available in three configurations: fly away, vehicle and trailer mount.

Tachyon meets today's tough requirements for network connectivity — anytime, anywhere — with a variety of broadband services and options.

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Outdoor Antenna Unit

The Outdoor Antenna Unit consists of various sized antennae, a low noise block amplifier (LNB), an Upconverter/Power Amplifier (UPA) and a motorized system that controls the antenna elevation, azimuth, and polarization. The antenna system is supported on two rails that are shock mounted to the rugged outdoor cases or vehicle. The antenna can be deployed and stowed via the two buttons provided in the antenna base or via the antenna controller mounted in the IPTransport Indoor Unit. Other than connecting the cables from the Antenna Unit to the IPTransport Unit, no assembly is required.

Cable

A 200-foot long cable bundle connects the IPTransport Indoor and Outdoor Antenna Units. No outdoor AC power is required. The motorized antenna is powered and controlled by the IPTransport Indoor Unit via the control cable. Two additional RF coaxial cables connect the RF equipment to the transmit and receive components of the antenna.

| Indoor Unit Subsystem | | | | |
|-----------------------------|---------------------------------|--------------------------------|-----------------|------------------|
| LAN Interface | 10/100BaseT (RJ-45) | | | |
| Input Voltage | 110/240 VAC | | | |
| Frequency | 50/60 Hz | | | |
| Power | 115 Watt typical, 160 Watts Max | | | |
| Operating Temperature | 32 ° to 86 ° F (0 ° to 30 ° C) | | | |
| Fit Away Antenna Subsystems | Fly Away | Fly Away | | |
| Antenna Reflector | 96 cm | 120 cm | | |
| Average time to deploy | < 20 Minutes | < 20 Minutes | | |
| Operating Temperature | +5° to 125° F (-15° to 52° C) | +5° to 125° F (-15° to 52° C) | | |
| Survival Temperature | -40° to 125° F (-40° to 52° C) | -40° to 140° F (-40° to 60° C) | | |
| Controller input voltage | 110/240 VAC | 110/240 VAC | | |
| Controller input frequency | 50/60 Hz | 50/60 Hz | | |
| Controller input power | 5 Amps peak, 1 Amp continuous | 5 Amps peak, 1 Amp continuous | | |
| Shipping Configurations | Dimensions | Weight | Dimensions | Weight |
| Positioner (mount) case | 43" x 28" x 21" | 148 lbs (68 kg) | 43" x 27" x 20" | 160 lbs (73 kg) |
| Reflector/feed case | 44" x 44" x 18" | 131 lbs (59 kgs) | 43" x 27" x 20" | 110 lbs (50 kgs) |
| Indoor electronics case | 23" x 27" x 17" | 120 lbs (55 kgs) | 23" x 27" x 17" | 120 lbs (55 kgs) |
| Cable case | 23" x 22" x 22" | 70 lbs (32 kgs) | 23" x 22" x 22" | 70 lbs (32 kgs) |
| Vehicle Mounts | .96m | 1.2m | | |
| Dimensions | 59" x 41" x 14.5" | 75" x 49" x 19.6" | | |
| Weight | 111 lbs (51 kgs) | 160 lbs (73 kgs) | | |
| Operational Wind | 45 mph | 45 mph | | |
| Survival Wind | 65 mph deployed, 80 mph stowed | 65 mph deployed, 80 mph stowed | | |