

Auto Deploy

Fast, transportable broadband network access in minutes.

Tachyon Networks Incorporated (“Tachyon”) delivers Auto Deploy Customer Premise Equipment (Auto Deploy) as a compact, flexible, and user-friendly transportable equipment option to its arsenal of powerful broadband access solutions. The Auto Deploy was designed for organizations that need reliable and transportable primary broadband network access within minutes for:

- Emergency response teams
- Temporary field locations
- 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.

The Auto Deploy is flexible and easy to use, providing:

- 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

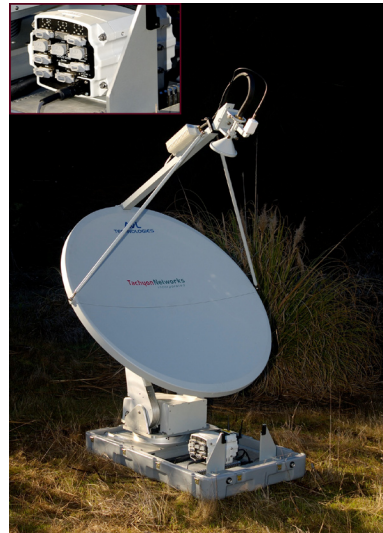
Extend your investment

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, virtually anywhere — with a variety of broadband services and options.



Auto Deploy Components

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.

Technical Specifications (for Fly Away Units)

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)					
Outdoor Antenna Subsystems						
Antenna Reflector	75 cm		96 cm		120 cm	
Average time to deploy	< 20 Minutes		< 20 Minutes		< 20 Minutes	
Operating Temperature	+5 ° to 125 ° F (-15 ° to 52 ° C)		+5 ° to 125 ° F (-15 ° to 52 ° C)		+5 ° to 125 ° F (-15 ° to 52 ° C)	
Survival Temperature	-30 ° to 125 ° F (-34 ° to 52 ° C)		-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		110/240 VAC	
Controller input frequency	50/60 Hz		50/60 Hz		50/60 Hz	
Controller input power	5 Amps peak, 1 Amp continuous		5 Amps peak, 1 Amp continuous		6 Amps peak, 1 Amp continuous	
Shipping Configurations	Dimensions	Weight	Dimensions	Weight	Dimensions	Weight
Positioner (mount) case	53" x 19" x 43"	260 lbs (118 kg)	43" x 28" x 21"	148 lbs (68 kg)	43" x 28" x 21"	173 lbs (78 kg)
Reflector/feed case	N/A	N/A	42" x 42" x 25"	131 lbs (59 kgs)	43" x 28" x 21"	102 lbs (47 kgs)
Indoor electronics case	23" x 27" x 17"	120 lbs (55 kg)	23" x 27" x 17"	120 lbs (55 kgs)	23" x 27" x 17"	120 lbs (55 kgs)
Cable case	N/A	N/A	23" x 22" x 22"	70 lbs (32 kgs)	23" x 22" x 22"	70 lbs (32 kgs)

Learn how **Tachyon's Auto Deploy** can extend your network everywhere.

Contact us at **877-589-FAST** or online at **www.tachyon.net**.

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