

STRATUS FIXED SITE



KEY FEATURES

- Analog and P25 communications over LTE
- Robust cellular connection for up to four radio stations
- IP linking over LTE to P25 DFSI consoles
- Integration with existing infrastructure
- Upgrade path to 4G LTE backhaul interface (with fallback to 3G)
- AES Encrypted IPSEC VPN tunnel to protect all radio traffic

Stratus Fixed Site provides P25 communications backhaul to dispatch over an LTE/3G cellular connection, providing a robust and reliable communications link at a fraction of the cost of leased lines.

For organizations that have fixed site base stations and/or repeaters, Stratus Fixed Site provides the opportunity to remove the dependence on costly leased telco lines and T1 connections.

Up to four base stations and/or repeaters can be linked to a single Stratus Fixed Site, enabling flexibility in the system configured with a Codan UIC-5 control and further reduction in monthly costs. The only change required to already installed infrastructure is the addition of a UIC card to the Codan repeater or base station for connection to DFSI.

UPGRADE PATH FOR EXISTING CODAN REPEATERS AND BASE STATIONS

A Stratus Fixed Site can be added to current Codan/Daniels P25 communications infrastructure, instantly reducing ongoing monthly costs. Requiring only two rack units of space, the Stratus Fixed Site easily installs into current fixed systems and can easily be configured using Codan's custom designed software.

SPECIFICATIONS

Voltage Input	6VDC–34VDC
Current Draw	500mA–750mA @ 13.8VDC (Typical LMR Application) Maximum 1.5A for higher data rate applications.
Operating Temperature	–30°C to + 70°C
RF Connections	2 x N Type Antenna Connections (LTE, LTE Diversity) 1 x TNC Type Antenna Connection (GPS) 1 x SMA Type Antenna Connection (Wi-Fi)
Communications	10/100 Base-T (4 x RJ45 connectors)
Height	2RU (3.5") (8.8CM)
Weight	10.5lbs (4.6Kg)
Depth from front plate	7.5" (19cm)
LTE Modem Options*	North American and international bands available
Carrier Approvals	Verizon, AT&T, Sprint, Rogers, Bell, Telus, Telstra**
Ethernet Ports	4 RJ45 Ethernet ports
VPN/Security	IKE Encryption - AES-256 capable IPsec, SSL and GRE VPN Client Up to 5 VPN Tunnels Trusted IP MAC Address Filtering

Values noted are typical. Equipment descriptions and specifications subject to change without notice or obligation.

*Various modem options support, please contact Codan for details.

**Other international carriers supported, please contact Codan for details.