

On Demand Portable Communications

*** Pre-production information, subject to change ***

The STACS 100 Series portable communications systems have been upgraded to include significant new capabilities. Some of these capabilities will be provided to existing STACS100EP and PP systems, but many require additional hardware only available in the STACS200 module.

New Features STACS 200 Systems and STACS 100 Upgrades

- Significantly reduced airtime costs for VOIP calls (<\$0.25/minute on BGAN)
- Support for up to 50 concurrent VOIP calls and devices
- Automatic power down of BGAN when cellular modem is active and power up of BGAN on cellular link failure
- Built-in VPN endpoint with strong encryption
- Improved local and remote management with web based interface
- Improved remote access to local network devices like IP cameras and sensor networks
- Updated Windows and Android ROIP clients
- Support for Auxiliary WAN and Mesh networks via USB to Ethernet adapters

New Features STACS 200 Only

- Dual Ethernet ports with full 802.3af POE support
- Support for Auxiliary WAN and Mesh networks via Ethernet ports
- Upgraded, long range WiFi Radio with 802.11b/g/n support
- Guided aiming for BGAN with internal GPS, compass and gyroscopes with simple LED indicators for aiming
- Automatic BGAN connection when aiming is complete
- Same physical package as STACS 100EP/PP
- Hardware AES-256 engine
- Improved tripod mounting system

Existing customers will be contacted to coordinate STACS 100 firmware upgrades. All units sold after Jan 2011 can be upgraded remotely. Older units may require factory service for upgrades.

STACS 100 units are not required to be upgraded and may be operated with existing firmware for the foreseeable future.

Technical queries about the STACS 200 hardware and software may be directed to support@stacsondemand.com or +1-480-822-8017.