



PacStar 4510 Dual ESR Commander Kit



The PacStar 4510 is a lightweight, compact, and secure communications package that provides voice, data and video communications for combatant commanders and other high-profile users. The system provides either a tunneled or a "colorless core" architecture with access to classified and unclassified DoD networks, such as SIPRNet and NIPRNet.

The black and red enclaves contain the small form factor Cisco 5915 ESR router. The red enclave can be separated from the core to meet stringent security requirements.

The PacStar 4510 is available with an optional Harris SecNet 54 encryptor, which provides Type 1 HAIPE encryption and is compatible with other HAIPE-certified devices which may be provided as GFE.

KEY FEATURES

- Small, low-profile design
- Provides access to up to (3) simultaneous networks using proven Cisco routing/switching components
- On-board battery with charger

2 Each Cisco 5915 ESR Routers

- Classified or routed DoD network access
- Advanced Enterprise IOS for extensive routing/QoS/Mobility
- (4) IP ports for end instruments; (2) 802.3af PoE enabled
- 802.3af PoE enabled WAN port powering Harris SecNet 54
- Cisco Unified Communications Manager Express - VoIP local call control
- Optional third Cisco 5915 ESR router providing simultaneous access for up to (3) networks

Power

- Field-replaceable, lithium-ion, 2-hour, rechargeable battery, with charge LEDs
- DC input voltage: 10-36 V DC
- Universal AC input voltage: 100-240 V AC, 47-63 Hz
- AC laptop-type power cord

Connectivity

- Satellite: BGAN, VSAT
- Wireless: 3G/4G, WiMax, WiFi
- Wired: DSL, cable, LAN
- Any IP-over-Ethernet backhaul

CHASSIS SPECIFICATIONS

- Weight: 10 lbs (without SecNet 54)
- Dimensions: 13.4W x 11.2L x 2.6H
- Fits in standard laptop bag or backpack
- MIL-STD 810 temperature operating range: 0 - 55°C
- MIL-STD 810 certification for transport vibration and drop

Encryption Options

- Harris SecNet 54 HAIPE encryptor (available through PacStar or GFE) for access to classified networks
- Powered by PoE from the PacStar 4510 RED enclave
- Removable encryptor storage compartment
- Interoperable with any HAIPE device including ViaSat KG-250X

CASE OPTIONS

- Soft laptop-style bag included, standard for chassis and power supply and cables
- Optional Pelican™ 1560 suitcase style hard case for phones, BGAN, Battery charger with custom foam and cutout for chassis - measuring 22.06" x 17.93" x 10.43"
- Optional Pelican™ 1495 briefcase style hard case with custom foam for chassis and power supply and cables - measuring 21.62" x 17.25" x 4.87"



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