



PacStar 4500 Commander Kit (CK) with ESR



The PacStar 4500 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 enclave contains a Cisco ASA 5505 firewall with FIPS 140-2 VPN and routing capabilities. The red enclave contains a small form factor Cisco 5915 ESR router. The red enclave can be separated from the core to meet stringent security requirements.

The PacStar 4500 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.

Features

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

Cisco ASA 5505 Adaptive Security Appliance/Router

- Unclassified and classified DoD network access and access to classified networks tunneled through unclassified networks
- High performance FIPS 140-2 certified IPSec /SSL VPN
- Advanced firewall features
- (6) IP ports for end instruments; (2) are PoE enabled
- (1) WAN port
- Up to 100 Mbps throughput with VPN
- QoS/CoS-capable
- Supports multiple IP routing protocols

Cisco 5915 ESR Router

- 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 second 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 - 50°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 4500 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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