

M: WOLFPACK

MissionMobility's WolfPack Series is a lightweight and mobile baseband communication solution, intended to support small, mobile tactical teams. Designed for harsh environments, the WolfPack Series provides rugged, reliable communications solutions that extend secure and managed networks globally, utilizing any communication spectrum. Its modular configuration ensures maximum scalability to meet the needs of the mission.



WolfPack Series configuration examples are listed on back.

BENEFITS

- High mobility in tactical environments
- Scalable with system configurations on the fly
- Can be packaged/carried in rucksack (backpack) configurations for tactical environments or configured in commercial luggage (carry-on) for covert operations
- Provides user-friendly onboard web server tools for baseband router management

KEY FEATURES

- Ruggedized design provides a reliable, robust, mobile, lightweight solution of 24 lbs.
- Various carrying /packaging configurations
 - Standard configuration includes MissionMobility Dashboard (GUI)
 - Available DC output can be used for multitude of external peripherals, including encryption devices and CDMA WAN devices
 - Supports power for external accessories simultaneously
 - Lithium Ion batteries provide up to 2.4 hours of runtime and provides an Uninterrupted Power Source (UPS) capability
- Standard configuration provides 7 accelerated (SCPS) client user ports (including 2 PoE for peripheral devices, such as VoIP phones) and 4 router interface ports (configurable for multiple transmission paths simultaneously per enclave)

CONFIGURATIONS

The WolfPack Series can be configured in a number of ways to meet the needs of mobile tactical teams. Our Network Modules are rugged, reliable, field tested WAN on enclave modules. Varying DC output voltages are available to support several Type 1 encryption devices, including Secnet 54, KG-250X, or a vast array of external peripherals. Standard DC accessory/crypto output voltage is 15 VDC but other output voltages are available upon request.



MARKETS

- Tactical Teams & Units
 - SOF (Special Operations Forces)
 - Mobile Ground Forces
- Executive Travel Teams
- Intelligence Community





TECHNICAL SPECIFICATIONS

Configurations	
Two Network Modules	One Network Module and One Switch
• Provides DHCP and Multi-VLAN on Both Enclaves	• SIPR through Switch Static IP on SIPR
• Acceleration and Command Console on Both Enclaves	• Acceleration and Command Console on NIPR Enclave
• Approximately 24 lbs	• Approximately 20 lbs
• Runtime up 1.7 hours with SECNET-54	• Runtime up to 2.4 hours with SECNET-54
Network Module (NM)	
	Weight: 6.2 lbs.
	Dimensions: 7.62" x 5.25" x 5"
	Operating Temperature: 0° to 60°C
	Cisco 3250 Router (FIPS-140-2 certified)
	Optional Smart Serial interface (2) (not available with Skipware, Dashboard, and L2 switch)
	Optional Skipware with MissionMobility Dashboard (GUI)
	IPSEC: Point to Point VPN, DMVPN, and EZ VPN using up to AES-256 bit encryption keys
	Routing: BGP, OSPF, EIGRP, RIP, static, and policy-based routing
	Security: IPS and IOS based Firewall. FIPS-140-2 Level 2 approved encryption hardware platform
	Management: SSHv2, https (SSL), SNMPv2 and v3, telnet, serial console
	Capabilities (SKIPWARE): GRE acceleration, black-hole detection, Riverbed auto-discovery support, rate-pacing, and dynamic bandwidth-delay product support, SCPS compliant
	IPv6 compliant (SCPS, Router, and switch)
	Up to 1250 accelerated TCP sessions
	Integrated Managed Layer 2 Switch
	• Management: CLI, HTTP, HTTPS, SNMP v2/3, SSH, and telnet
	• Network Fault Analysis: Port Mirroring and network and port statistic reporting
	• QOS: 802.1P and IP TOS/DSCP prioritization
• Multicast Support: IGMP v1/v2	
• VLAN Support: 802.1Q trunking and tagging as well as port-based VLAN's	
• Port Security: MAC address based port security	
Network Connections-- Supports 1 WAN (routed 10/100), 3 option ports (10/100 switch), and 7 user ports (2 have 802.3 af POE)	
Power	
• Input: 10-36 VDC 6.4 Amps Maximum (@ 10 VDC), 3.2 Amps typical (@ 12 VDC)	
• Output: 15VDC (for SecNet54 only) or 5 and 48 VDC for 5 VDC peripherals and external POE injectors	
Switch Module	
 <p>Enclave or expansion module, adds up to 6 users.</p>	Weight: 2 lbs.
	Dimensions: 5.25" x 5.25" x 3.2"
	Operating Temperature: 0° to 60°C
	Managed Two Layer Switch
	• Management: CLI, HTTP, HTTPS, SNMP v2/3, SSH, and telnet
	• Network Fault Analysis: Port Mirroring and network and port statistic reporting
	• QOS: 802.1P and IP TOS/DSCP prioritization
	• Multicast Support: IGMP v1/v2
	• VLAN Support: 802.1Q trunking and tagging as well as port-based VLAN's
	• Port Security: MAC address based port security
Network Connections	
• Supports 1 uplink and up to 7 user ports (4 with POE)	
Power	
• Input: 10-36 VDC 4 Watts plus up to 60 watts POE depending on attached devices	

