



# Impact® Rugged Baseband

## Tactical Communications | Impact® Rugged Baseband

The Impact Rugged Baseband is a standalone or stackable ruggedized communications kit enabling rapid configuration and wide deployment options across fixed and mobile platforms. The series is designed to MIL-810G standards for operation in the harshest of thermal, shock and vibration extremes. The modular approach allows for basic network operations using stand-alone modules and the scalability to easily grow and support larger operations by simply adding additional modules as needed.

The system drives significant Size, Weight, and Power (SWaP) reductions while providing equal or greater capabilities when compared to existing network solutions. Rugged Baseband leverages the latest small form factor rugged router from Cisco 5915 ESR and the IOS Based Cisco ESS 2020 Switch.

- Small and rugged
- Rapid expansion and reconfiguration
- Scalable Network Operations
- Modular system
- MIL-STD-810G Compliant



## Router Module

- » Cisco 5915 ESR platform
- » FIPS 140-2 certified
- » Suite B capable
- » Anodized Milled Rugged
- » Aluminum Enclosure
- » Power LED
- » Environmentally sealed to IP65
- » (IP67 optional)

Power	
AC Input Voltage: 110/220	
AC Input Frequency: 40/60 Hz (via provided power supply)	
DC Input Voltage: 11 - 32 VDC	
Temperature	
Operational -35°C to 65°C	Survival -40°C to 80°C
Dimensions	
Length: 7.6" X Width: 5.6" X Depth: 1.8"	
Weight: Under 3 lbs	

Networking	
Network Port Form Factor: RJ-45	
Console Ports: RJ-45	
PoE Port: 5	
Port Density	
WAN: 2 ports	LAN: 3 ports



6 Port



12 Port

## Switch Module

- » Cisco ESS 2020 platform
- » IOS based
- » Anodized milled aluminum casing
- » Power LED

Power	
AC Input Voltage: 110/220	
AC Input Frequency: 40/60 Hz (via provided power supply)	
DC Input Voltage: 11 - 32 VDC	
Temperature	
Operational -35°C to 65°C	Survival -40°C to 80°C
Dimensions	
6 Port	12 Port
7.6" X 5.6" X 1.8"	7.6" X 5.6" X
Under 3 lbs	Under 4 lbs

Networking	
Network Port Form Factor: RJ-45	
Console Ports: RJ-45	
PoE Port: 6 or 12	
LAN: 8x PoE User ports	
WAN: 2x PoE User ports	



## Router/Switch Module

- » Cisco 5915 ESR router integrated with a Cisco ESS 2020 switch
- » Anodized milled aluminum casing
- » Power LED

Power	
AC Input Voltage 110/220	
AC Input Frequency 40/60 Hz provided via power supply	
DC Input Voltage: 11-32 VDC	
Temperature	
Operational -35°C to 65°C	Survival -40°C to 80°C

Dimensions	
7.6" X 11.3" X 2.95"	6.9 Lbs.
Networking	
Network Port Form Factor: RJ-45	
Console Ports: 2	PoE Port: 8 PoE
Fiber Capable	
Port Density	
WAN: 2	
LAN: 20 LAN (including 2 Gig ports)	

## About Comtech

Comtech Telecommunications Corp. (Nasdaq: CMTL) designs, develops, produces and markets innovative products, systems and services for advanced communications solutions. The Company sells products to a diverse customer base in the global commercial and government communications markets. For more information visit [www.comtechtel.com](http://www.comtechtel.com).

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