



# Tactical Server Router (TSR)

## Tactical Communications | Tactical Server Router (TSR)

TSR 1RU Cisco-based router, switching and computing appliance is part of the C&CT baseband family. TSR is a form, fit and function replacement for end of life Cisco 2811 Integrated Services Router. TSR is powered by the Cisco 5915 Embedded Services Router and the Cisco ESS 2020 switch.

Additional options allow TSR to provide the functionality of dedicated stand-alone servers and network appliances. Its server is capable of hosting virtual machine appliances or running native dedicated operating systems. The integrated server capability allows for the reduction in additional investment, training, maintenance and physical footprint of those devices.

TSR components are engineered for high reliability in both fixed and harsh environments.

### Feature Sets

- Unified Communications
  - Cisco Unified Communications Express
  - Supports up to 48 devices
- WAN Optimization and Acceleration
  - Cisco Wide Area Application Services (WAAS Express)
  - IP Multiplexing
- Radio Aware Routing
  - DLEP
  - RFC5578
  - R2CP
- Security
  - Embedded Hardware-Accelerated VPN encryption
  - IOS based Firewall
  - Intrusion Prevention System
  - IOS Based Content Filtering
  - FIPS 140-2 Certified AES Encryption
  - Suite B

### Key Features

- All LAN/WAN ports Power Over Ethernet (PoE) capable
- Multiple configurations available
- High environmental / MIL-STD810G compliant
- Compact, light weight form factor, only 13.5 inches deep

## Specifications

	TSR	Cisco 2811
<b>Technology Base</b>		
Router	5915	2811
Switch	Cisco ESS 2020	NME - 16
<b>Physical</b>		
Rackmount	Yes	Yes
Dimensions	1.72 x 17.5 x 13.5 in.	1.72 x 17.5 x 16.5 in.
Weight	<10 lbs	13.7 lbs
<b>Power</b>		
AC Input Voltage	100 to 240 VAC	
<b>Temperature</b>		
Operational	-20° to 149°F (-28° to 65°C)	32° to 104°F (0° to 40°C)
Storage	-20° to 185°F (-28° to 85°C)	-4° to 149°F (-20° to 65°)
<b>Networking</b>		
LAN Ports	25 (All PoE capable) Total power for PoE is 200 watts without optional server installed	16
WAN Ports	2	2
Fiber	Yes	No
GigE	Yes	No
<b>Interface Options</b>		
E&M	Yes	Yes
FXS	Yes	Yes
Serial	Yes	Yes
<b>Server</b>		
CPU	Up to Intel i7, Quad Core	
Memory	Up to 16 GB	
Hard Drive	Up to 1 TB (Removable)	

### About Comtech

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#### Command & Control Technologies™

275 West Street  
Annapolis, MD 21401 USA  
Toll Free: 1.800.557.5869  
Outside US: +1.410.263.7616  
[www.comtech-cct.com](http://www.comtech-cct.com)