

RoadRunner™ Wireless Mobile Router



The RoadRunner WT230 Series Wireless Access Point offers 802.11 a/b/g/an/ac Wave 2 Wi-Fi for WAN/LAN applications* providing easy and secure access for fast wireless downloading and live video streaming.



HIGH PERFORMANCE

- Powered by Cradlepoint™, the 802.11ac router provides fast, secure and reliable connectivity with automatic fail-over between Ethernet WAN and LAN
- With high power output, the WT230 and multiband MIMO roof mount antenna provides Wi-Fi access for up to 128 connected devices (64 per radio)
- Broad range of Wi-Fi connectivity including 802.11a/b/g/an/ac access points for first responders and transit officials
- High bandwidth speeds up to 867 Mbps for downloading video and data supporting fleet-wide management of multiple onboard devices

ROUTER CAPABILITIES

- Port forwarding - share WAN IP address to multiple LAN devices for fleet-wide support and maintenance
- Supports dual-band connection with 2.4GHz and 5GHz wireless frequencies

RUGGED AND RELIABLE

- Designed and manufactured specifically for harsh, mobile environments, the WT230 solution features a compact, rugged design and is MIL-Spec 810G and SAE J1455 rated for impact, shock, vibration and temperature extremes

EASILY MANAGED

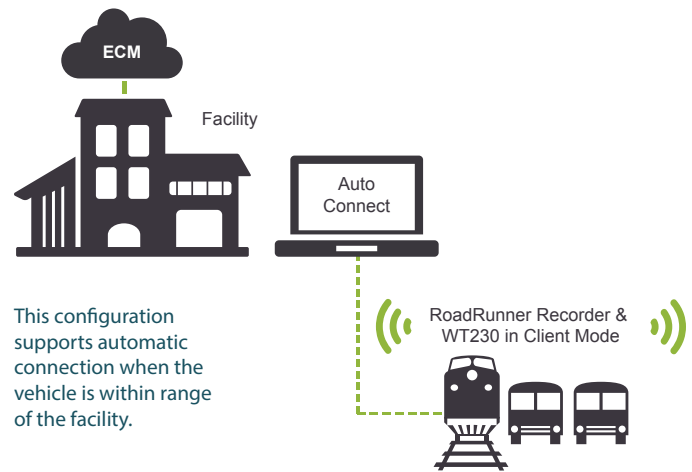
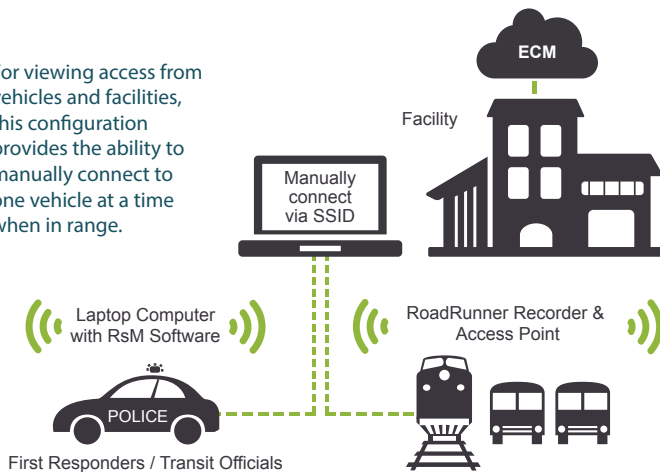
- Remote management with HTTP, user-friendly web interface
- Configurable with two (2) separate SSIDs providing more flexible access and higher security
- Open architecture allows for upgrades and flexibility to support future wireless technologies

OPTIMIZED FOR USE WITH THE ROADRUNNER SYSTEM

- Configured for mobile applications, the WT230 solution is packaged with an omni-directional antenna, ruggedized cabling and an advanced AC wave 2 Wi-Fi router for seamless connectivity and video transmission

Connection Examples

For viewing access from vehicles and facilities, this configuration provides the ability to manually connect to one vehicle at a time when in range.



*Certified for Cisco® environments.

Cisco® is a registered trademark of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries.

RoadRunner™ Wireless Mobile Router



Hardware Specifications

Inputs / Outputs

- 2 - Gigabit Ethernet WAN/LAN switchable ports
- 2 - SMA reverse polarity female Wi-Fi wireless antenna connectors
- 1 - user-accessible USB 2.0 port for 3G/LTE/FirstNet modem upgrade
- 1 - 4-pin microfit power jack

Wi-Fi Interfaces

- 802.11a/b/g/an/ac; Wave 2, 2x2 MIMO
- Access Point (AP)
- LAN and WAN interface (AP + client)
- WPS, WDS and WMM
- 2 isolated SSIDs
- WPA, WPA2, WPA-PSK, WEP 64/128-bit, 802.1x security
- Maximum output power: Up to 18dBm

General

- Power consumption: 5W (typical) to 18W (max)
- Power supply: 9-33 VDC
- Dimensions (WxHxD): 4.6" x 1.2" x 4.5"
- Weight: 0.875 lb
- Operating temperature: -22°F to 158°F (-30°C to 70°C)
- Operating humidity: 5%-95% (non-condensing)
- Enclosure: Extruded aluminum chassis

Software Specifications

IP and Routing

- LLAN DHCP server, cache, proxy server, and relay
- WAN DHCP, static IP, PPPoE, WiFi client
- WAN fail-over detection limits and controls
- WAN load balancing (Ethernet + USB)
- Static Routing
- L3 / L4 IP/Port policy-based routing
- Port-forwarding and port-translation
- VLAN support
- Spanning tree protocol support
- Dynamics DNS (DynDNS, NoIP, TZO, etc.)
- Permanent DNS address
- Bandwidth management and throughput optimization
- Content filtering (OpenDNS)
- NTP time service support

Firewall

- Stateful Packet Inspection (SPI) firewall
- Anti-DoS and anti-spoofing protection
- L2 / L3 / L4 ACL filtering
- Static DHCP and ARP IP-MAC binding
- DMZ and port forwarding (virtual server)

WAN Management

- Auto fail over routing between Ethernet and Wi-Fi interfaces (selectable routing priority)
- Auto-connect on demand or stay connected 24/7 with "always-on" feature
- ICMP heartbeat (ping continuity) monitor ensures persistent cellular connections
- Configurable load balancing between WAN interfaces
- MAC address access control list
- Bandwidth utilization and bandwidth throttling-controls

Device Management

- Enterprise Cloud Manager (subscription required)
- Tablet-friendly GUI
- Configuration backup and restore
- Firmware upgrade and downgrade
- SNMP support and Syslog support
- Real-time login
- Scheduled system restarts
- Ping, ARPing, trace-route utilities



Enterprise Cloud Manager

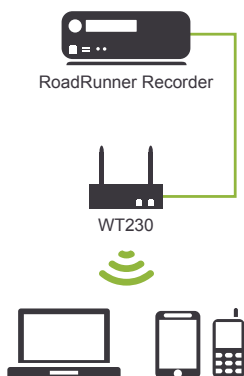
Easily deploy and manage networks from geographically distributed locations.

- Firmware version control
- Real-time monitoring
- Zero-touch configuration deployment
- Fleet-wide configuration updates

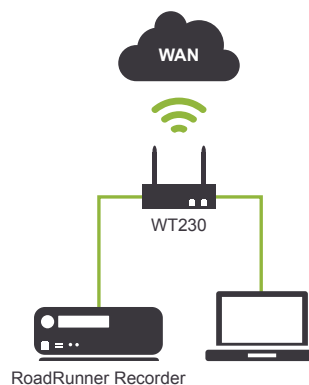
One, Three and Five Year Subscriptions Available.

Configuration Options

Access Point Mode



Router Mode



Wireless Client Mode

