Transportation

Edge Solution Ready Package

Zero-Touch Mass Router Deployment System

Advantech Router and Gateway Remote Management, Monitoring and Provisioning Platform

ESRP-CMS-SR304

Edge-SRP
Edge Solution Ready Package

- Cellular Router with Remote Management and Monitoring Feature
- Zero Touch Provisioning
- Device Configuration, Diagnostics & Management Platform
- Multi-Tenancy Support

Device Configuration

Configuration Profiles

Edge intelligence Delivery

Network Monitoring



ESRP-CMS-SR304

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WebAccess/DMP

Zero-Touch Mass Router Deployment System

ESRP-CMS-SR304

Cellular Router with Remote Management and Monitoring Feature

The router bridges your office with your field site where no Ethernet infrastructure is available. It easily connects your remote devices via a 3G/LTE network and updates the historical network status for remote diagnostics purposes.

Zero Touch Provisioning

The zero-touch router deployment system saves users time and resources immediately after router installation. When a new, unconfigured router is installed and powered on, it can automatically download the initial configuration and application code from a central server. This means that new units can be installed by electrical contractors who have no specialist knowledge. Thus, it can be installed at any time without specialist engineers.

Device Configuration, Diagnostics & Management Platform

The system allows users to remotely monitor and manage routers from any location. Simultaneous upgrades and configuration changes can also be applied remotely to individual routers or groups of routers. In fact, all routers on a network can be upgraded or reconfigured at the same time.

Multi-Tenancy Support

To manage network routers systematically, the single-instance installation allows users to provide separate tenant accounts for device provisioning.

Platform	BB-SR304
WAN Type	GPRS/UMTS/HSPA+/LTE
	Ethernet WAN
Port Number	2/3/5
SIM	2
Storage	USB/SD card
Wi-Fi	802.11a, 802.11b, 802.11g, 802.11n
Serial COM port	232/422/485
I/O	YES
PoE	Optional
GPS Receiver	by model
Platform	Linux
Enhanced software development	Script/user module, Python, Bash, C/C++, Node-Red
VPN support	IPSec, OpenVPN, PPTP, L2TP, GRE
Security	HTTPS, SSH, VPN tunnels, SFTP, Firewall (IP Filtering, MAC address filtering, Inbound and outbound Port filtering), DMZ (via IP tables)
Network and Routing	DHCP Server, NAT/PAT, VRRP, Dynamic DNS client, DNS proxy, VLAN, QoS, DMVPN, NTP Client/ Server, IGMP, BGP, OSPF, RIP, SMTP, SMTPS, SNMP v1/ v2c/ v3, Backup Routers, PPP, PPPoE, SSL, Port Forwarding, Host Port Routing, Ethernet Bridging
Configuration	Web server, SSH, Four configuration switchable profiles, Automatic configuration update from server, Backup configuration, Restore configuration
Device Management Tool	WebAccess/DMP

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Ordering Information

ESRP-CMS-SR304	Industrial Cellular Router with WEBACCESS/DMP Management and Provisioning Tool

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