

Smart-Reach® Mobile Wireless Bridge

The Smart-Reach Mobile wireless bridge connects Ethernet or serial communications devices to a wireless LAN with simplicity and security. It enables organizations to unwire a digital video recorder and realize the benefits of mobility. The Mobile Digital Video Recorder can be deployed in any location where a WLAN signal is available, eliminating the time and expense of retrieving hard drives.

- Bridges a DVR to WLAN
- Capacity to bridge Ethernet segments with up to 20 client stations
- Configurable Ethernet MAC and protocol filters for enhanced security
- WPA2, WPA and WEP security for WLAN privacy
- 802.1x PEAP WLAN authentication
- Hardware-assisted AES and RC4 encryption delivers high performance
- Configurable 802.11 a/b/g radio with outdoor antennas
- 100 milliwatt radio and antenna diversity provide excellent distance performance
- Plenum rated metal enclosure
- Bidirectional L2/L3 filters enable administrators to control access to Smart-Reach Mobile interfaces



Wi-Fi Networking — an industrial solution

The Smart-Reach Mobile features an advanced WLAN radio that provides superior performance than most embedded WLAN adapters. It includes support for all 2.4 GHz or 5 GHz channels available within each supported regulatory domain. High output power and antenna diversity ensure the best possible range and throughput. Outdoor antennas are used to attach high-gain antennas for applications.

Bidirectional L2/L3 filters enable administrators to control access to Smart-Reach Mobile interfaces. A MAC address white list restricts access to the Ethernet port and UDP port filtering controls access to network services.

The Smart-Reach Mobile features comprehensive remote manageability, including full support as a managed node in the Seon Network Management System. For ease of deployment and operation, the Smart-Reach Mobile can be configured via an intuitive web user interface and secure file transfer protocols simplify software maintenance. Support for SNMP enables integrated management using any enterprise NMS.

A rugged, metal enclosure and mounting bracket provide installation flexibility. Its small size and plenum rated enclosure enable the Smart-Reach Mobile to be installed on a vehicle.