SENSA
link

Reliable, fast roaming wireless connectivity for mobile mining equipment.

> Wireless network bridge
> Fast client-side roaming
> Rugged and reliable
> Profinet VLAN support
> OTA upgradable

Images are indicative

SENSA
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MST Global's SENSA Link is a fast and reliable Wi-Fi bridge, solving network connectivity for equipment in a mine environment.

With its rugged IP66 enclosure, multiple mounting options, and an M12 ethernet connector, the **SENSA Link** is designed for vehicle deployment. Propriety **MST Global** scan and roaming logic achieve the fast and consistent network handover speeds required by the most demanding network applications.

SENSA Link enables tele remote operation, real-time diagnostics data acquisition, and connectivity to controllers over **PROFINET**.

REMOTE MANAGEMENT

> Remote monitoring via SNMP
> NTP time synchronisation
> MAC Filter and layer 3 firewall
> Web-based device configuration

> Remote firmware upgrades via LAN & Wi-Fi
> MST device discovery protocol
> Syslog, NAT, DHCP Client
> Reboot and default factory restore settings

SPECIFICATIONS

WI-FI SPECIFICATIONS

> IEEE 802.11n backward compatible with 802.11 b/g
> 2x2 MIMO up to 300 Mbps
> Background scan, Fast roaming
> Maximum transmit power: +26dBm (aggregate)

WIRELESS SECURITY

> WEP (64/128-bit), WPA, WPA2

CONNECTORS

> M12 Ethernet (4-way)
> RP-TNC connectors (diversity support)

LAN SPECIFICATIONS

> IEEE 802.3 100BASE-TX & 10BASE-T
> IEEE 802.3u Auto-negotiation
> Automatic MDI/MDIX crossover
> IEEE 802.3af mode A (PoE) compliant powered device
> Profinet VLAN support

GENERAL

> Input Voltage: 54V dc (PoE port) or 10V to 27V dc (console port)
> Storage temperature: -20ºC to 80ºC
> Operating temperature: 0ºC to 70ºC
> Operating Humidity: 5% to 90% (non-condensing)
> IP66 Enclosure
> Enclosure Dimensions: 90mm x 95mm x 55mm