



HIRSCHMANN

A **BELDEN** BRAND

GREYHOUND

COST-EFFECTIVE GIGABIT ETHERNET SWITCH



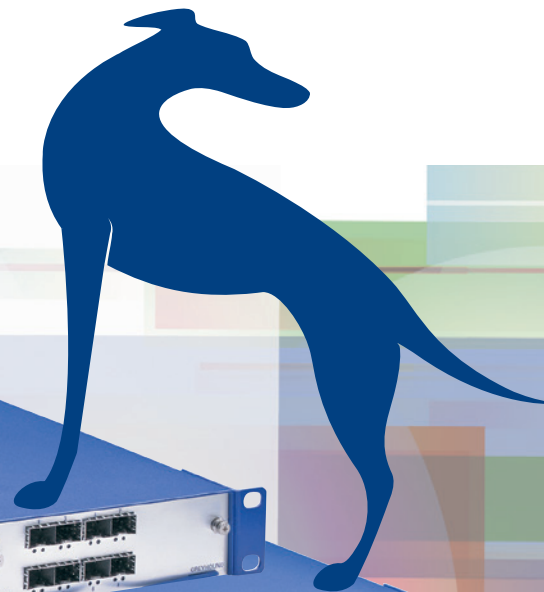
Entry-level device built to **withstand harsh conditions** in industrial automation and power utility settings.



Designed to keep pace with evolving network needs through **interchangeable media modules** for copper and fiber ports.



Redundancy protocols, diagnostic features and security mechanisms help achieve **improved network availability**.



Configurator



Type: **GREYHOUND** GRS1020/
GRS1120/GRS1030/GRS1130
Switch Configurations

Hardware

- **Port options:**
 - Up to 24 Fast Ethernet ports for copper and fiber (ST, SC, SFP, multimode or singlemode)
 - Optional 4 Fast/Gigabit Ethernet Combo Ports
 - Front or rear mounting
- **Certifications:** IEC 61850-3 and IEEE1613 (substations), NEMA TS2 and EN50121-4 (transportation)*
- **Operating temperature range:** -40 °C to +70 °C

Software

- **Management:** SSHv2, HTTPS, TFTP, SCP, SFTP client, SNMP v1/v2/v3, LLDP-MED
- **Diagnostic:** Persistent logging, syslog, port mirroring N:1, LLDP, copper cable test, port monitor
- **Configuration:** Command-line interface (CLI), Web-based management, DHCP server per port and pool per VLAN, CLI scripting
- **Security:** Port security, access control with 802.1x, ACLs (MAC, IPv4), automatic denial-of-service prevention, audit trail, RADIUS, local user management
- **Redundancy:** MRP (IEC 62439-2), RSTP 802.1D-2004 (IEC 62439-1), Link Aggregation, Link Backup
- **Filter:** QoS, port priority (IEEE 802.1D/p), VLAN (IEEE 802.1Q), IGMP snooping/querier, Multiple VLAN Registration Protocol (MVRP), Multiple MAC Registration Protocol (MMRP), Multiple Registration Protocol (MRP)

Be certain.
Belden.

* Additional certifications include safety of industrial control equipment (cUL60950-1); for ships (Germanischer Lloyd); and hazardous locations (ISA-12.12.-01 Class 1 Div. 2 Group A, B, C, D).

GREYHOUND Media Modules

Configurable media modules offer great flexibility

The GREYHOUND switch offers flexible port options and a range of software features for entry-level industrial Ethernet switch needs.

GREYHOUND GRM20
Media Modules Configurations

Configurator



Customer Benefits

Flexible design

The GREYHOUND switch enables customers to react quickly to changing network requirements. Flexible design and installation options include varying port styles, more ports overall, interchangeable modules and enhanced software features. The switch's field-exchangeable ports can support customers' copper or fiber needs.

Entry-level pricing

The GREYHOUND switch is designed for industrial environments that need cost-effective, entry-level devices, with rugged features to handle demanding applications, especially in electrical power applications and transportation settings.

Features

Unlike standard products or even configurable products from the factory, GREYHOUND is not limited by design. Network administrators can react to changing needs in their application and adjust the product as many times as needed, all while in the field. The installation is fast, easy and flexible.

Customers

The GREYHOUND switch is ideal for customers in need of a unique combination of entry-level pricing, customizable port options and enhanced software features.

Applications

- Harsh industrial conditions
- High ambient temperatures

Markets

Power generation and distribution, transportation, industrial automation