



Product: [4-GCB-LW, 1G Ethernet Interface](#)

XTran Interface Module with 4x Gigabit SFP LAN/WAN ports without PoE support

Product Description

The 4-GCB-LW interface module (=IFM) provides four 1Gbps LAN/WAN ports on the front panel (LAN = Local Area Network; WAN = Wide Area Network). Port 1 is a gigabit combo port (SFP/RJ45) whereas ports 2, 3 and 4 are 1 gigabit RJ45 ports. Each individual port can be configured as either LAN or WAN port via TXCare (=XTran Management System). By default, each port is configured as WAN port. The 4-GCB-LW IFM does not support PoE (=Power over Ethernet).

Technical Specifications

Product Overview

Part Number:	S30924-Q203-X211
Port Type and Quantity:	1x Combo (one of the two options): 1x RJ-45 (Cu, electrical): 10/100/1000BASE-T or 1x SFP (Fiber, optical): 1000BASE-X / Smart SFP; 3x RJ-45 (Cu, electrical): 10/100/1000BASE-T
Port Mode:	LAN, WAN

Power requirements

Operating Voltage:	+12V
Power consumption:	Measured at 25°C/77°F, with data transport: 6W

Features and Protocols

Traffic Control & Security:	Port Tracking; HQoS (=Extended queue sets): only on WAN ports in aggregation nodes; E-Tree (LAN ports); Storm Control; BPDU Guard; IP ACL (max. 1 rule); MAC ACL (max. 1 rule); Sticky MAC; MAC Limit; Static MAC Table
Synchronization:	Sync-E; PTP IEEE 1588v2 (=Precision Time Protocol): as Transparent Clock
Hardware Features:	LAG (only LAN ports in aggregation nodes); Smart SFP
Protocol Interaction:	BIG (=Backbone Isolation Guard) on RGERP; Dual Homing; RGERP, MRP; STP Interaction
Test & Debugging Features:	Test & Loopback (on CSoP Smart SFPs); Loss Measurement (LM) (in aggregation nodes); Delay Measurement (DM) (in aggregation nodes); Tunnel Ping; Tunnel Traceroute; Port Mirroring; MAC Monitor
L2 & L3 Features:	LLDP
Encryption:	MACSec (Min. HW Ed. 16)
Configurable Services:	Ethernet; Serial Port Server: External TCP client/server; VoIP; TSoP Smart SFP for STM-1/STM-4/OC-3/OC-12; CSoP Smart SFP for STM-1/OC-3

Ambient conditions

MTBF (Telcordia SR-332 Issue 4) @ 25°C:	299 Years
Operating Temperature Range:	With XT-1104-A, XT-2206-A, XT-2209-A, XT-2210-A (aggregation nodes): -30° to +65°C (-22° to 149°F); With XT-2215-A (core nodes): -20° to +55°C (-4° to 131°F)
Storage Temperature Range:	-30° to +75°C (-22° to 167°F)
Relative humidity (non-condensing):	0-95 %

Mechanical construction

Overall Width:	20.32 mm
Overall Height:	126 mm
Depth:	195 mm
Weight:	0.18 kg

Approvals

Basis Standard:	CE, EN 55032:2015 + A11:2020, EN IEC 61000-3-2:2019, EN 61000-3-3:2013 + A2 :2021, EN 55035:2017 + A11:2020, EN IEC 61000-6-1:2019, EN IEC 61000-6-2:2019, EN IEC 61000-6-3:2021, EN IEC 61000-6-4:2019
Safety of industrial control equipment:	EN 62368-1:2014

Power Utility:	EN 61000-6-5:2015, EN 61850-3:2014 (§6.7), IEEE 1613-2009 (§4), IEEE1613-2013 (clause 5,7,8,9,10)
Transportation:	EN 50121-4:2016 + A1:2019

Reliability

Guarantee:	Standard 1 year (extension possible)
------------	--------------------------------------

Scope of delivery and accessories

Accessories to Order Separately:	Interface Adapter Kit for Core Nodes: C30965-A9550-D16
----------------------------------	--

Further Instructions

Product Documentation:	Available via Belden Solutions Portal site
Certificates:	Available via Belden Solutions Portal site
Software Download:	Available via Belden Solutions Portal site

History

Update and Revision:	Revision Number: 0.23 Revision Date: 11-14-2025
----------------------	---

© 2025 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.