

Q.raxx X station T | EC

EtherCAT add-on for Q.station-X

Q.station X is a high-performance edge controller for data acquisition, which provides accurate synchronization of measurement data, high-speed redundant data logging, and parallel communication over TCP/IP, CAN, ProfiNET, Modbus, and EtherCAT. The Q.station X comes with an optional full-featured programmable application controller designed for complex control and automation tasks.

- High Density
up to 13 I/O modules per Q.raxx 3U chassis with up to 16 channels per I/O module
- User Friendly
front panel indicators for module status, power, and input range error
- Fully Customizable
multiple front panel termination options available
- Maximum Flexibility
parallel communication available in TCP/IP, CAN, PROFIBUS, Modbus, and EtherCAT
- Gantner's Quality Standard
integrated filtering, galvanic isolation & signal/sensor conditioning per channel



Key Features

- EtherCAT extension based on Ethernet standard



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Technical Data

Requires Q.series-X Controller: Q.station-X

This product consists of the Q.station-X controller with the extension as specified in this datasheet..

You can find the datasheet for the Q.station-X controller on the Gantner Instruments website.

All specifications and facts of the Q.station-X datasheet, if not stated otherwise, also apply to this device.

EC Specifications

Electrical standard	Ethernet
Data storage	1024 Byte Data (253 variables read and 253 variables write)
Baud rate	100 Mbps
Cycle time	≥100 µs
isolation voltage	500 V

Mechanical information

Material	Aluminum
Measurements (W x H x D)	60x 128 x 120mm
Weight	approx. 300 g

Ordering Information

Article number	584530
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