VI702 S1

Yokogawa / Vnet/IP PCI Express interface card

Yokogawa VI702 S1 is a PCI Express Vnet/IP interface card for a compatible CENTUM system workstation.

Overview

The VI702 provides a workstation connection to the Yokogawa Vnet/IP control network. Its PCI Express x1 host interface exchanges data with the communication functions used by the installed control-system software.

The documented physical network is 1000BASE-T at 1 Gbit/s full duplex through an RJ45 connection. Category 5e UTP cabling is specified for the card-to-L2-switch link, with a 100 m maximum in the referenced installation. Network design still depends on the approved Vnet/IP topology and switch configuration.

Technical specification matrix

System network	Vnet/IP
Host interface	PCI Express x1
PCIe transfer rate	2.5 GT/s
Network data rate	1 Gbit/s full duplex
Physical network	1000BASE-T, RJ45
Specified cable	Category 5e UTP
Card-to-switch cable limit	100 m
Host supply	3.3 V ±9%; 2.5 A maximum

Applications and system fit

Operator and engineering stations Connect a supported CENTUM workstation to the configured Vnet/IP control network.	**Control-network communication** Exchange system data through the approved L2 switch and Vnet/IP topology.

Workstation replacement Transfer a matched VI702 interface while preserving network port assignment and station configuration.	**Network diagnostics** Use RDY, RCV and SND indications together with host and switch diagnostics during fault isolation.

Product precautions

Confirm workstation support Check the approved host model, PCIe slot and installed CENTUM release.	**Preserve network mapping** Record Vnet/IP port assignment, switch connection and station settings.
Check cable path Use the specified Cat 5e link and stay within the documented 100 m card-to-switch length.	**Protect the card** Remove power and use ESD controls before handling the PCIe interface.

Source and application boundary

Yokogawa GS 33J50C10-01EN, Vnet/IP Interface Card VI702, Style S1.

VI702 Style S1 information applies to the offered VI702 S1 marking.

Related product references

Separate product listings for project review; confirm each order code and system fit independently.

Yokogawa ADV551-P03 S2	Yokogawa ADV161-P00 S2

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Send the complete model and installed-system details when requesting a quotation.