

ViewNet Multiport.



FEATURES

- Compact 1RU-3RU rack mount unit
- High reliability design
- Provides low cost link between DART & IP-based systems

ViewNet V6005 Multiport can connect multiple DARTnet networks, via RS232 serial and TCP/IP, such that they may be viewed as a single network by V6001 ViewNet Gateways and V1602/V1605 Operational Control Panels. Where there are a significant number of remote DARTnets, the ViewNet Multiport may be a much more cost effective means of consolidating control, than multiple ViewNet Gateways, with the added benefits of Operational Control Panel compatibility.

Each basic V6005 unit is equipped with 2 serial ports which may be used to connect directly to V1602 or V1605 control panels. In addition the V6005 is equipped with up to 64 serial ports (RJ-45) each of which can communicate with the V6041 DARTnet adaptor (or to the predecessor of the V6041, the DIN341).

The V6005 can map any number of control nodes (up to a maximum of 62) from each DARTnet that it connects to. For example if it is only necessary to communicate to a few modules at a remote station, the control nodes associated with those modules would be mapped to the V6005. The remaining control nodes at the remote station would not be mapped, but could, nonetheless, be part of a larger control system operated purely at the remote station.

One typical application is in the control of a large network where individual rack frames are widely distributed - with greater distances than can be covered with conventional DARTnet communications. Each group of rack frames is equipped with a V6041, which in turn is linked to the V6005 via the V1679 serial to fibre module - allowing very long distances between the control centre and the remote rack frames.

Technical Specification

Power

Line Voltage	90-264VAC
Line Frequency	45-66Hz
Input Power	150W
Connector Type	IEC
Power Supply MTBF	100,000 hours at 25°C

Physical 1RU (basic unit)

Height	43.6mm
Depth	429mm
Width	449mm

Each 32-port connection set adds 1RU to the overall height (2RU max)

Environmental

Operating Temperature	0° to 40°C
Storage Temperature	-10°C to +70°C
Relative Humidity	0 - 95% non-condensing @ 40°C

Connections

LAN	RJ-45
DART	RJ-45
Serial	9 pin D-type

Ordering Information

V6005	1RU ViewNet Multiport
/32	32 port expansion unit (adds 1RU)
/64	64 port expansion unit (adds 2RU)

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