



Control Corporation offers a large range of Ethernet Device Servers and Industrial Ethernet Gateways that are designed with outstanding software and hardware functionalities to provide high performance networking connectivity under harsh industrial environments.

Selection Guide



DeviceMaster RTS	RTS VDC 1-Port DB9 (99440-4)	RTS 2-Port 1E (99480-0)	RTS 2-Port 2E (99481-7)	RTS DB9 2-Port 1E (99550-0)	RTS DB9 2-Port 2E (99560-9)
DeviceMaster UP Modbus	UP VDC 1-Port DB9 Modbus (99501-2)	UP 2-Port 1E Modbus (99532-6)	UP 2-Port 2E Modbus (99542-5)	UP DB9 2-Port 1E Modbus (99552-4)	UP DB9 2-Port 2E Modbus (99562-3)

Hardware

Number of port: 10/100Base-TX	1	1	2	1	2
Number of Serial port	1 x RS232/422/485	2 x RS232/422/485	2 x RS232/422/485	2 x RS232/422/485	2 x RS232/422/485
Serial Baud Rate	300 to 230.4Kbps	300 to 230.4Kbps	300 to 230.4Kbps	300 to 230.4Kbps	300 to 230.4Kbps
Serial Interface	DB9M	Screw Terminal	Screw Terminal	DB9M	DB9M
Power Input	5-30VDC Terminal (2.5W)	5-30VDC Terminal (1.5W)	5-30VDC Terminal (2W)	2 x 6-30VDC Terminal (1.6W)	2 x 6-30VDC Terminal (2W)
Serial Surge protect	15KV	25KV	25KV	25KV	25KV

Environmental

Specifications

MTBF	46.2 Years	58.57 Years	45.66 Years	58.57 Years	49.5 Years
Enclosure	STAINLESS STEEL	UL94-V0 PLASTIC	UL94-V0 PLASTIC	UL94-V0 PLASTIC	UL94-V0 PLASTIC
Dimension	3.6" x 0.8" x 2.8"	4.37" x 3.9" x 0.89"	4.37" x 3.9" x 1.78"	4.6" x 3.9" x 0.9"	4.6" x 3.9" x 1.8"
Operating temperature	-37°~ 74°C	-37°~ 74°C	-37°~ 74°C	-37°~ 74°C	-37°~ 74°C
Installation Method	DIN Rail/Panel Mountable	DIN Rail	DIN Rail	DIN Rail	DIN Rail

Device Drivers

Windows 2000/Server 2003/XP	Yes	Yes	Yes	Yes	Yes
Windows Vista	Yes	Yes	Yes	Yes	Yes
Windows 7	Yes	Yes	Yes	Yes	Yes
Linux	Yes	Yes	Yes	Yes	Yes

Software

TCP, UDP Socket	Yes	Yes	Yes	Yes	Yes
PortVision® Plus remote monitoring & management	Yes	Yes	Yes	Yes	Yes
Web-based configuration	Yes	Yes	Yes	Yes	Yes
SSL & SSH encryption	(99440-4)	(99480-0)	(99481-7)	(99550-0)	(99560-9)
E-mail event notification	(99440-4)	(99480-0)	(99481-7)	(99550-0)	(99560-9)
DualConnectPlus™	(99501-2)	(99532-6)	(99542-5)	(99552-4)	(99562-3)

Industrial Ethernet Protocol

Modbus/TCP	(99501-2)	(99532-6)	(99542-5)	(99552-4)	(99562-3)
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Certification

RoHS 2002/95/EC	Yes	Yes	Yes	Yes	Yes
CE/FCC/UL/RoHS	Yes	Yes	Yes	Yes	Yes
NEMA TS2	Yes	Yes	Yes	Yes	Yes
Warranty	5 Years	5 Years	5 Years	5 Years	5 Years



DeviceMaster RTS	RTS 4-Port DB9 (99445-9)	RTS 8-Port DB9 (99448-0)	RTS 16-Port RJ45 (99455-8)	RTS 32-Port RJ45 (99456-5)
DeviceMaster UP Modbus	UP 4-Port DB9 Modbus (99521-0)			

Hardware

Number of port: 10/100Base-TX	2	2	1	1
Number of Serial port	4 x RS232/422/485	8 x RS232/422/485	16 x RS232/422/485	32 x RS232/422/485
Serial Baud Rate	300 to 230.4Kbps	300 to 230.4Kbps	300 to 230.4Kbps	300 to 230.4Kbps
Serial Interface	DB9M	DB9M	RJ45	RJ45
Power Input	9-30VDC Terminal External Power Supply included: 90-240VAC(US/EU) input	9-30VDC Terminal External Power Supply included: 90-240VAC(US/EU) input	100-240VAC (US/EU Cord)	100-240VAC (US/EU Cord)
Serial Surge protect	15KV	15KV	15KV	15KV

Environmental Specifications

MTBF	25.0 Years	21.5 Years	8.1 Years	6 Years
Enclosure	Black Finished Steel	Black Finished Steel	Black Finished Steel	Black Finished Steel
Dimension	10.8" x 1.8" x 6.3"	10.8" x 1.8" x 6.3"	17.25" x 1.74" x 10.8"	17.25" x 1.74" x 10.8"
Operating temperature	-37°~ 74°C	-37°~ 74°C	-37°~ 74°C	-37°~ 74°C
Installation Method	Panel Mountable	Panel Mountable	Rack mountable	Rack mountable

Device Drivers

Windows 2000/Server 2003/XP	Yes	Yes	Yes	Yes
Windows Vista	Yes	Yes	Yes	Yes
Windows 7	Yes	Yes	Yes	Yes
Linux	Yes	Yes	Yes	Yes

Software

TCP, UDP Socket	Yes	Yes	Yes	Yes
PortVision® Plus remote monitoring & management	Yes	Yes	Yes	Yes
Web-based configuration	Yes	Yes	Yes	Yes
SSL & SSH encryption	(99445-9)	Yes	Yes	Yes
E-mail event notification	(99445-9)	Yes	Yes	Yes
DualConnectPlus™	(99521-0)			

Industrial Ethernet Protocol

Modbus/TCP	(99521-0)			
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Certification

RoHS 2002/95/EC	Yes	Yes	Yes	Yes
CE/FCC/UL/RoHS	Yes	Yes	Yes	Yes
NEMA TS2	Yes	Yes	-	-
Warranty	5 Years	5 Years	5 Years	5 Years