# DEVICEMASTER RTS

## ETHERNET DEVICE SERVERS
## PRODUCT COMPARISON CHART

| Ethernet Device Servers | RTS VDC 1-Port DB9 (99440-4) | RTS 1-Port DB9 (99435-0) | RTS VDC 1-Port Embedded DB9 (99470-1) | 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) |
|---|---|---|---|---|---|---|---|
| HARDWARE & ELECTRICAL | | | | | | | |
| Number of Ports: 10/100Base-TX | 1 | 1 | 1 | 1 | 2 | 1 | 2 |
| Number of Serial Ports | 1 x RS-232/422/485 | 1 x RS-232/422/485 | 1 x RS-232/422/485 | 2 x RS-232/422/485 | 2 x RS-232/422/485 | 2 x RS-232/422/485 | 2 x RS-232/422/485 |
| Serial Baud Rate | 300bps to 230.4Kbps | 300bps to 230.4Kbps | 300bps to 230.4Kbps | 300bps to 230.4Kbps | 300bps to 230.4Kbps | 300bps to 230.4Kbps | 300bps to 230.4Kbps |
| Serial Interface | DB9M | DB9M | DB9M | Screw Terminal | Screw Terminal | DB9M | DB9M |
| Power Input | 5-30VDC Terminal (2.5W) | 5VDC Terminal (2.1W) | 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) |
| Included Power Supply | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Serial Surge Protect | 15KV | 15KV | 15KV | 25KV | 25KV | 25KV | 25KV |
| ENVIRONMENTAL | | | | | | | |
| MTBF | 46.2 Years | 48.4 Years | 46.2 Years | 58.57 Years | 45.66 Years | 58.57 Years | 49.5 Years |
| Enclosure | Stainless Steel | Stainless Steel | N/A | UL94-Vo Plastic | UL94-Vo Plastic | UL94-Vo Plastic | UL94-Vo Plastic |
| Dimension | 3.6" x 0.8" x 2.8" | 3.6" x 0.8" x 2.8" | 3.5" x 0.6" x 2.6" | 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° to 74°C | -37° to 74°C | -37° to 74°C | -37° to 74°C | -37° to 74°C | -37° to 74°C | -37° to 74°C |
| Installation Method | DIN rail/panel mount | DIN rail/panel mount | Embedded | DIN rail | DIN rail | DIN rail | DIN rail |
| SUPPORTED DEVICE DRIVERS | | | | | | | |
| Windows 2000/Server 2003/XP<br>Windows Server 2008<br>Windows Vista<br>Windows 7<br>Linux | Yes >> | | | | | | |
| SOFTWARE | | | | | | | |
| TCP, UDP Socket | Yes >> | | | | | | |
| PortVision® Plus Remote Monitoring & Management | | | | | | | |
| Web-based Configuration | | | | | | | |
| SSL & SSH Encryption | | | | | | | |
| E-mail Event Notification | | | | | | | |
| CERTIFICATIONS | | | | | | | |
| CE/FCC/UL/RoHS2 | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| NEMA TS2 | No | Yes | No | Yes | Yes | Yes | Yes |
| Warranty | 5 Years | 5 Years | 5 Years | 5 Years | 5 Years | 5 Years | 5 Years |

| RTS 4-Port DB9 (99445-9) | RTS 4-Port RJ45 (99446-6) | RTS 8-Port DB9 (99448-0) | RTS 8-Port RJ45 (99449-7) | DeviceMaster LT16 (99580-7) | RTS 16-Port RJ45 (99455-8) | RTS 16-Port RJ45 (99450-3) | RTS 32-Port RJ45 (99456-5) |
|---|---|---|---|---|---|---|---|
| HARDWARE & ELECTRICAL | | | | | | | |
| 2 | 2 | 2 | 2 | 2 | 1 | 2 | 1 |
| 4 x RS-232/422/485 | 4 x RS-232/422/485 | 8 x RS-232/422/485 | 8 x RS-232/422/485 | 16 x RS232/422/485 | 16 x RS-232/422/485 | 16 x RS-232/422/485 | 32 x RS-232/422/485 |
| 300bps to 230.4Kbps | 300bps to 230.4Kbps | 300bps to 230.4Kbps | 300bps to 230.4Kbps | 300bps to 230.4Kbps | 300bps to 230.4Kbps | 300bps to 230.4Kbps | 300bps to 230.4Kbps |
| DB9M | RJ45 | DB9M | RJ45 | RJ45 | RJ45 | RJ45 | RJ45 |
| 9-30VDC Terminal | 9-30VDC Terminal | 9-30VDC Terminal | 9-30VDC Terminal | 5-30VDC Terminal | 100-240VAC (US/EU Cord) | 9-30VDC Terminal | 100-240VAC (US/EU Cord) |
| External 90-240VAC (US/EU) | External 90-240VAC (US/EU) input | External 90-240VAC (US/EU) input | External 90-240VAC (US/EU) input | External 100-240VAC (US/EU) input | N/A | External 90-240VAC (US/EU) input | N/A |
| 15KV | 15KV | 15KV | 15KV | 15KV | 15KV | 15KV | 15KV |
| ENVIRONMENTAL | | | | | | | |
| 25.0 Years | 25.0 Years | 21.5 Years | 21.5 Years | TBD | 8.1 Years | 13.2 Years | 6.0 Years |
| Black Finished Steel | Black Finished Steel | Black Finished Steel | Black Finished Steel | Black Finished Steel | Black Finished Steel | UL94HB Black Plastic | Black Finished Steel |
| 10.8" x 1.5" x 6.3" | 10.8" x 1.5" x 6.3" | 10.8" x 1.8" x 6.3" | 10.8" x 1.8" x 6.3" | 11.5" x 1.2" x 5.4" | 17.25" x 1.74" x 10.8" | 17.25" x 1.74" x 10.8" | 17.25" x 1.74" x 10.8" |
| -37° to 74°C | -37° to 74°C | -37° to 74°C | -37° to 74°C | 0° to 60°C | -37° to 74°C | -20° to 60°C | -37° to 74°C |
| Panel mount | Panel mount | Panel mount | Panel mount | Desk/surface mount | Rack mount | Rack mount | Rack mount |
| SUPPORTED DEVICE DRIVERS | | | | | | | |
| Yes >> | | | | | | | |
| SOFTWARE | | | | | | | |
| Yes >> | | | | | | | |
| CERTIFICATIONS | | | | | | | |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Yes | Yes | Yes | Yes | No | Yes | Yes | Yes |
| 5 Years | 5 Years | 5 Years | 5 Years | 5 Years | 5 Years | 5 Years | 5 Years |