



Model	EDS5000	EDS3000PR	EDS3000PS	EDS4100	EDS-MD®
Category	Serial-to-Ethernet Device Server				Medical Gateway
Serial Interface	RS-232 x 8 / 16 / 32 (model specific)	RS-232 x 8 / 16 / 32 (model specific)	RS-232 x 8 / 16 (model specific)	RS-232 x 2 RS-232/422/485 x2	RS-232 x 4 / 8 / 16 (model specific)
Serial Connector Type	RJ45	RJ45	RJ45	DB9, Male, DTE	RJ45 (IEC-60601 compliant)
Serial Data Rate (bps)	2400 - 921600	300 - 230400	300 - 230400	300 - 230400	300 - 921600
Connectivity	Serial-to-Ethernet	Serial-to-Ethernet	Serial-to-Ethernet	Serial-to-Ethernet	Serial-to-Ethernet
Device Management Perception™	Yes	Yes	Yes	No	Yes
Operating System	Linux	Linux	Linux	Evolution OS®	Linux
Serial Tunneling (Seq/Multi-host List)	•	•	•	•	•
Modem Emulation	•	•	•	•	•
Modbus	•	•	•	•	•
SNMP	V1 V2c V3	V1 V2c V3	V1 V2c V3	V2c	V2c
DHCP, BOOTP, and AutoIP	DHCP	•	•	•	•
FTP/TFTP	FTP	•	•	•	•
Web Manager	•	•	•	•	•
Email Notification	•	•	•	•	•
POE (Power-over-Ethernet)				•	
Flash/RAM	512MB / 256MB	512MB / 512MB	512MB / 512MB	8MB / 32MB	8MB / 256MB
Network Interface	10/100/1000Mbps copper or 100/1000 Mbps SFP Ethernet (combo port)	10/100/1000Base-T	10/100/1000Base-T	10/100Base-T	10/100/1000Base-T
Power Input	100-240 VAC (50-60Hz IEC-type cord)	100-240 VAC (50-60Hz IEC-type cord)	100-240 VAC (50-60Hz IEC-type cord)	9-30 VDC (Barrel Connector) 42-56 VDC (Terminal Block)	100-240 VAC (IEC-60320 compliant)
Serial Interface Transient Protection	15 KV ESD	15 KV ESD	15 KV ESD	15 KV ESD	15 KV ESD
MAX Power Use (Watts)	20 W	20 W	20 W	4 W	23 W
Dimensions (LxWxH)	44.3 x 17.5 x 4.36 cm 17.44 x 6.89 x 1.72 in	30.5 x 48.1 x 4.22 cm 12 x 18.93 x 1.66 in	8 port: 12.8 x 22.7 x 4.3 cm 5.0 x 8.9 x 1.7 in 16 port: 12.8 x 22.7 x 6 cm 5.0 x 8.9 x 2.7 in	12.7 x 17.7 x 3.8 cm 5.0 x 6.95 x 1.5 in	21.0 x 19.0 x 6.0 cm 8.25 x 7.5 x 2.4 in
Operating Temperature C°/F°	-10°C to 60°C 14°F to 140°F	0°C to 55°C 32°F to 131°F	0°C to 55°C 32°F to 131°F	0°C to 55°C 32°F to 131°F	0°C to 55°C 32°F to 131°F
Mounting Option	Rack-Mount	Rack-Mount	Wall Mount	Wall Mount	Wall Mount / Desktop
LEVEL Services Available	Yes	Yes	Yes	Yes	Yes
Warranty	5-Year Limited	3-Year Limited	3-Year Limited	2-Year Limited	5-Year Limited



Model	xDirect®	UDS1100	UDS2100	EDS1100	EDS2100	xPress™ DR+
Category	Serial-to-Ethernet Device Server					
Serial Interface	RS-232 or RS-232/422/485 (model specific)	RS-232/422/485 x 1	RS-232/422/485 x 2	RS-232/422/485 x 1	RS-232/422/485 x 2	RS-232 x 1 RS-232/422/485 x 1
Serial Connector Type	DB9, Female, DCE	DB25, Female, DCE	DB9, Male, DTE	DB25, Female, DCE	DB9, Male, DTE	RJ45 (SP1, SP2) Terminal Block (SP2, RS485 only)
Serial Data Rate (bps)	300 - 921600	300 - 230400	300 - 230400	300 - 921600	300 - 921600	300 - 230400
Connectivity	Serial-to-Ethernet	Serial-to-Ethernet	Serial-to-Ethernet	Serial-to-Ethernet	Serial-to-Ethernet	Serial-to-Ethernet
Device Management Perception™	No	No	No	No	No	No
Operating System	CoBos	CoBos	CoBos	Evolution OS®	Evolution OS®	CoBos
DHCP, BOOTP, and AutoIP	•	•	•	•	•	•
FTP/TFTP	- / •	- / •	- / •	• / •	• / •	- / •
Telnet	•	•	•	•	•	•
SSH/SSL				•	•	
SNMP	V1 read only	V1 read only	V1 read only	V2c	V2c	V1 read only
Web Manager	•	•	•	•	•	•
Hostlist (Sequential-host)	•	•	•	•	•	•
Hostlist (Multi-host)				•	•	
Serial Tunneling	•	•	•	•	•	•
Modem Emulation	•	(model specific)	•	•	•	•
Modbus	(model specific)			•	•	•
Email Notification				•	•	
POE (Power-over-Ethernet)	(model specific)	(model specific)				
Flash/RAM	1MB / 256KB	2MB / 256KB	2MB / 256KB	8MB / 8MB	8MB / 8MB	2MB / 256KB
Network Interface	10/100Base-T	10/100Base-T	10/100Base-T	10/100Base-T	10/100Base-T	10/100Base-T x 2
Power Input	5-15 VDC (Mini-USB) 5-15 VDC (D89F Pin 9) 802.3af Compliant (PoE model only)	9-30 VDC or 9-24 VAC (Barrel Connector)	9-30 VDC or 9-24 VAC (Barrel Connector)	9-30 VDC	9-30 VDC	9-30 VDC or 9-24 VAC (Terminal Block)
Serial Interface Transient Protection	15 KV ESD	15 KV ESD	15 KV ESD	15 KV ESD	15 KV ESD	15 KV ESD
MAX Power Use (Watts)	1.3 W (non-PoE models) 2 W (PoE model)	1.5 W	1.8 W	1.8 W	1.8 W	2.3 W
Dimensions (LxWxH)	24.0 x 3.3 x 2.9 cm 9.5 x 1.3 x 1.1 in (length includes serial cable)	9.0 x 6.4 x 2.3 cm 3.5 x 2.5 x 0.9 in	9.5 x 7.2 x 2.3 cm 3.7 x 2.8 x 0.9 in	9.0 x 6.4 x 2.3 cm 3.5 x 2.5 x 0.9 in	9.5 x 7.2 x 2.3 cm 3.7 x 2.8 x 0.9 in	8.8 x 5.7 x 12.3 cm 3.45 x 2.25 x 4.85 in
Operating Temperature C°/F°	-40°C to 85°C, non-PoE model -40°C to 70°C, PoE model	-40°C to 70°C, non-PoE model 0°C to 60°C, PoE model	0°C to 60°C 32°F to 140°F	-40°C to 85°C -40°F to 185°F	-40°C to 85°C -40°F to 185°F	-40°C to 70°C -40°F to 158°F
Mounting Option	Desktop	Wall Mount	Wall Mount	Wall Mount	Wall Mount	Din Mount
LEVEL Services Available	Yes	Yes	Yes	Yes	Yes	Yes
Warranty	5-Year Limited	2-Year Limited	2-Year Limited	2-Year Limited	2-Year Limited	2-Year Limited