

# LANTRONIX™ EXTERNAL NETWORKING MODULES FOR COMMERCIAL APPLICATIONS

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**Features**

**UDS1100**

**UDS2100**

**EDS1100**

**EDS2100**

**EDS4100**

**EDS8/16PS**

**EDS-MD**

**XPress DR**

**XPress DR+**

**XPress DR+ W**

**WiBox**

Features	UDS1100	UDS2100	EDS1100	EDS2100	EDS4100	EDS8/16PS	EDS-MD	XPress DR	XPress DR+	XPress DR+ W	WiBox
<b>Connectivity</b>	Serial-to-Ethernet	Serial-to-Ethernet	Serial-to-Ethernet	Serial-to-Ethernet	Serial-to-Ethernet	Serial-to-Ethernet	Serial-to-Ethernet	Serial-to-Ethernet	Serial-to-Ethernet	Serial-to-WiFi	Serial-to-Wi-Fi
<b>Operating System</b>	CoBos	CoBos	Evolution OS™	Evolution OS™	Evolution OS™	Evolution OS™	Linux	CoBos	CoBos	CoBos	CoBos
<b>DHCP, BOOTP, and AutoIP</b>	•	•	•	•	•	•	•	•	•	•	•
<b>FTP/TFTP</b>	-/•	-/•	•/•	•/•	•/•	•/•	•/•	-/•	-/•	-/•	-/•
<b>Telnet</b>	•	•	•	•	•	•	•	•	•	•	•
<b>SSH/SSL</b>			•	•	•	•	•/•				
<b>SNMP</b>	•	•	•	•	•	•		•	• (read only)	• (read only)	•
<b>Web Manager</b>	•	•	•	•	•	•	•	•	•	•	•
<b>Hostlist (Sequential-host)</b>	•	•					•	•	•	•	•
<b>Hostlist (Multi-host)</b>			•	•	•	•	•				
<b>Tunneling</b>	•	•	•	•	•	•	•	•	•	•	•
<b>Modem Emulation</b>	•	•	•	•	•	•	•				
<b>Wireless 802.11 b/g</b>										•	•
<b>802.11 bridging</b>										•	•
<b>VIP Access</b>			•	•	•	•	•				
<b>Serial Interface (# of ports)</b>	RS-232/422/485 (1)	RS-232 (2)	RS-232/422/485 (1)	RS-232 (2)	RS-232 (2), RS-232/422/485 (2)	RS-232 (8/16)	4/8/16	RS-232 or RS-422/485 (1)	RS-232 (2) RS-422/485 (1)	RS-232 (2) RS-422/485 (1)	RS-232 (1), RS-232/422/485 (1)
<b>Connector Type</b>	DB25, Female, DCE	DB9, Male, DTE	DB25, Female, DCE	DB9, Male, DTE	DB9, Male, DTE	RJ45	RJ45	RJ45 (terminal block)	RJ45 (screw block)	RJ45 (screw block)	DB9, Male, DTE
<b>Network Interface</b>	10/100Base-T	10/100Base-T	10/100Base-T	10/100Base-T	10/100Base-T	10/100Base-T	10/100/1000Base-T	10/100Base-T	10/100Base-T	10/100Base-T	802.11 b/g, 10/100Base-T
<b>Data Rate (bps)</b>	300 - 230400	300 - 230400	300	300	300 - 230400	300 - 230400	300 - 921600	300 - 115200	300 - 230400	300 - 230400	300 - 921600
<b>Flash/RAM</b>	2MB / 256KB	2MB / 256KB	8MB / 8MB	8MB / 8MB	8MB / 32MB	8MB / 64MB	8MB + 4GB Flash / 256MB	512KB/256KB	2MB / 256KB	2MB / 256KB	2MB Standard
<b>Required Input Power</b>	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 (Barrel Connector) or 42-56 VDC (Screw Terminal)	100-240 VAC (50-60Hz IEC-type cord)	100-240 VAC	9-30 VDC or 9-24 VAC (Screw Terminal)	9-30 VDC or 9-24 VAC	9-30 VDC or 9-24 VAC	9-30 VDC or 9-24 VAC
<b>Serial Interface Transient Protection</b>	15 KV ESD	15 KV ESD	15 KV ESD	15 KV ESD	15 KV ESD		15 KV ESD	15 KV ESD	15 KV ESD	15 KV ESD	4 KV ESD
<b>Max. Power Use (Watts)</b>	1.5	1.8	1.8	1.8	4	20	23	3	2.3	2.6	2
<b>Dimensions (LxWxH)</b>	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	12.7 x 17.7 x 3.8 cm 5.0 x 6.95 x 1.5 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	21 x 19 x 6 cm 8.25 x 7.5 x 2.4 in	6.1 x 3.6 x 8.8 cm 2.4 x 1.4 x 3.5 in	18.7 x 22.9 x 11.1 cm 7.375 x 9.0 x 4.375 in	18.7 x 22.9 x 11.1 cm 7.375 x 9.0 x 4.375 in	9.5 x 7.2 x 13.97 cm 3.7 x 2.8 x 5.5 in
<b>Operating Temperature C°/F°</b>	-40C to 70C -40F to 167F	-40C to 70C -40F to 167F	-40C to 85C -40F to 185F	-40C to 85C -40F to 185F	0C to 55C 32F to 131F	0C to 55C 32F to 131F	0C to 55C 32F to 131F	0C to 60C 32F to 140F	-40C to 70C -40F to 158F	-40C to 70C -40F to 158F	-40C to 70C -40F to 167F
<b>Wireless Security</b>										WEP, WPA-PSK, 802.11i	WEP, WPA-PSK, 802.11i
<b>Certifications</b>	UL	UL	UL	UL	UL	UL	UL 60601	UL	UL	UL	UL

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