

## Aten VK224 4-Port Serial Expansion Box

Interfaces																			
Serial	<ul style="list-style-type: none"> <li>• 4 x Programmable Bi-directional RS-232/422/485 Port (4 x DB9 Male Connector, configurable via pin assignments);             <ul style="list-style-type: none"> <li>- Baud Rate: 300 to 115200 (default: 9600);</li> <li>- Data Bit: 8 (default) or 7;</li> <li>- Stop Bit: 1 (default) or 2;</li> <li>- Parity: None (default), Even or Odd;</li> <li>- Flow Control: None (default) RTS/CTS</li> </ul> </li> </ul> <table border="1"> <thead> <tr> <th>RS-232</th> <th>RS-422</th> <th>RS-485</th> </tr> </thead> <tbody> <tr> <td>Pin2: RX</td> <td>Pin 1:RX-</td> <td>Pin3:D+</td> </tr> <tr> <td>Pin3: TX</td> <td>Pin 2: RX+</td> <td>Pin 4:D-</td> </tr> <tr> <td>Pin 5: GND</td> <td>Pin 3: TX+</td> <td></td> </tr> <tr> <td>Pin 7: RTS</td> <td>Pin 4: TX-</td> <td></td> </tr> <tr> <td>Pin 8: CTS</td> <td>Pin 5: GND</td> <td></td> </tr> </tbody> </table>	RS-232	RS-422	RS-485	Pin2: RX	Pin 1:RX-	Pin3:D+	Pin3: TX	Pin 2: RX+	Pin 4:D-	Pin 5: GND	Pin 3: TX+		Pin 7: RTS	Pin 4: TX-		Pin 8: CTS	Pin 5: GND	
RS-232	RS-422	RS-485																	
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Pin 7: RTS	Pin 4: TX-																		
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Ethernet	<ul style="list-style-type: none"> <li>• 1 x RJ-45 Female, 10/100Base-T</li> <li>• Supported Protocol: ICMP, TCP/IP, DHCP, HTTPS, SSH</li> <li>• DHCP-enabled. The following default IP settings will be used if no IP is assigned within 30 seconds: IP: 192.168.0.60 Subnet Mask: 255.255.255.0</li> </ul>																		
Switches																			
Controller ID	1 x 16-segment Switch																		
Expander ID	1 x 8-segment Switch																		
Reset Button	1 x Semi-recessed Pushbutton																		
USB	1 x USB Type A																		
Power																			
Consumption	5 VDC, 7.5 W(adapter) ; 48VDC, 9.5 W(PoE, PoE 802.3 AF/AT compatibility)																		
Environmental																			
Operating Temperature	0 - 50°C																		
Storage Temperature	-20 - 60°C																		
Humidity	0 - 80% RH, Non-Condensing																		
Physical Properties																			
Housing	Metal																		
Weight	0.45 kg ( 0.99 lb )																		
Dimensions (L x W x H)	13.00 x 7.58 x 4.20 cm (5.12 x 2.98 x 1.65 in.)																		
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.																		