DAM-E3220 User's Manual



DAM-E3220 Module

Features

Serial Device Servers

- ▶ Network Port: 10/100Base-T, RJ-45 interface
- Serial Port: 1 RS-232, 1 RS-485
- Transmission Speed: RS-232 (300bps~115.2Kbps)

RS-485 (300bps~115.2Kbps)

- ▶ Power Supply: unregulated $+10 \sim +30 V_{DC}$
- ➢ Power Consumption: 1.0W @ 24VDC

Hardware Layout



Pin	Name	Function	
1	TX+	RS-422 send data (+)	
2	TX-	RS-422 send data (-)	
3	RX+	RS-422 receive data (+)	
4	RX-	RS-422 receive data (-)	
5		NC	
6	DATA+	RS-485interface signal (+)	
7	DATA-	RS-485interface signal (-)	
8		NC	
9		NC	
10		NC	
11		NC	
12	INIT*	Reset pin	
13	(R)+Vs	Power input, +10~+30VDC	
14	(B)GND	Power ground	

Common Faults and Exclusion Method

- 1. Data Communication Failure
- > Check the RS-232/RS-485 interface, whether the wiring is correct.
- > Check the RJ-45 interface, whether the wiring is correct.
- Check whether the terminals are connected well.
- 2. Data loss or errors
- > Check the transfer rate and the format are consistent of the data communications equipment at both ends.

Operation Interface

1. Open the DAM-E3220 ModuleCFG Software: click the "DAM-E3220" in "ART Data Acquisition Measurement Suite" to connect the DAM-E3220 Module.





2. Open the DAM-E3220 PortCFG Software: click the "DAM-E3220 PortCFG" in the system tree to set the module's virtual serial port number and serial port parameters.



Nor tCFG			>						
File(F) Module Set(S) Port :	Setting(P)								
ENET link set									
IP Addr: 192 . 168	. 2 . 8	30	Static IP						
✓ confirming module exist	t L	.i nk	🔿 Dynamic IP						
DAM-E3200 module	Port	COM	Para mode						
E3220 (192, 168, 2, 80)	Port1	Never Assigned	Dynamic						
	Port2	Never Assigned	. Dynamic						
Module Set	Delete modu	le	Exit						
State display Link sucess	Module Settin	ig: Modify the m	odule's IP Addr.						

V Po: File(rtCFG						
ENI	ET link set						
IP	Addr: 192 . 168 . 2 . 80 💿 Static IP						
R	▼ confirming module exist Link						
·····	DAM-E3200 module Port COM Para mode						
	E3220 (192.168.2.80) Port1 Never Assigned Dynamic Port2 Never Assigned Dynamic						
	Set COI number						
	E3220 IP: 192.168.2.80 COM: COM4						
	Select COM: COM4 OK						
[
	Use the module's own serial port configuration						
Li	St If select the module's own serial Li port configuration, the virtual serial port parameters can not be modified.						
	Module's baud rate, data bit, stop bit, checkout bit and overtime.						

3. Open the DAM-3000M Software: click the "DAM-3000M" in the system tree to connect the DAM-3026D Module.

	💳 📷 ART Data Acquisition Measurement Suite	- Þ 📴) USB5538 16-channel DIO	×
	×	6] USB5529 6-channel DIO 1-channel counter	•
] DAME3000 Distributed Data Acquisition Module	×
(iii)	Microsoft VC++ 6.0	> 🕞	DAM3000M Distributed Data Acquisition Module	×
e -	Advanced measuring and controlling system(VC)		DAME3200	•
•		6	PCI8753 32-channel AD 16-channel DIO	•
			PCI8735 32-channel AD 16-channel DIO card	•
		6] USB59328-channel DA 8-channel DIO 1-channel counter	•
		6	USB593516-channel AD 6-channel DIO 1-channel counter	•



Note

When you need to re-install the DAM-E3220's program, following these steps:

Uninstall the existing;

Restart the computer;

Re-install the program.

If you don't do these, the virtual may not be identified. The solution is to restart the computer.