

# MDNET-5

## 说明书

V0100



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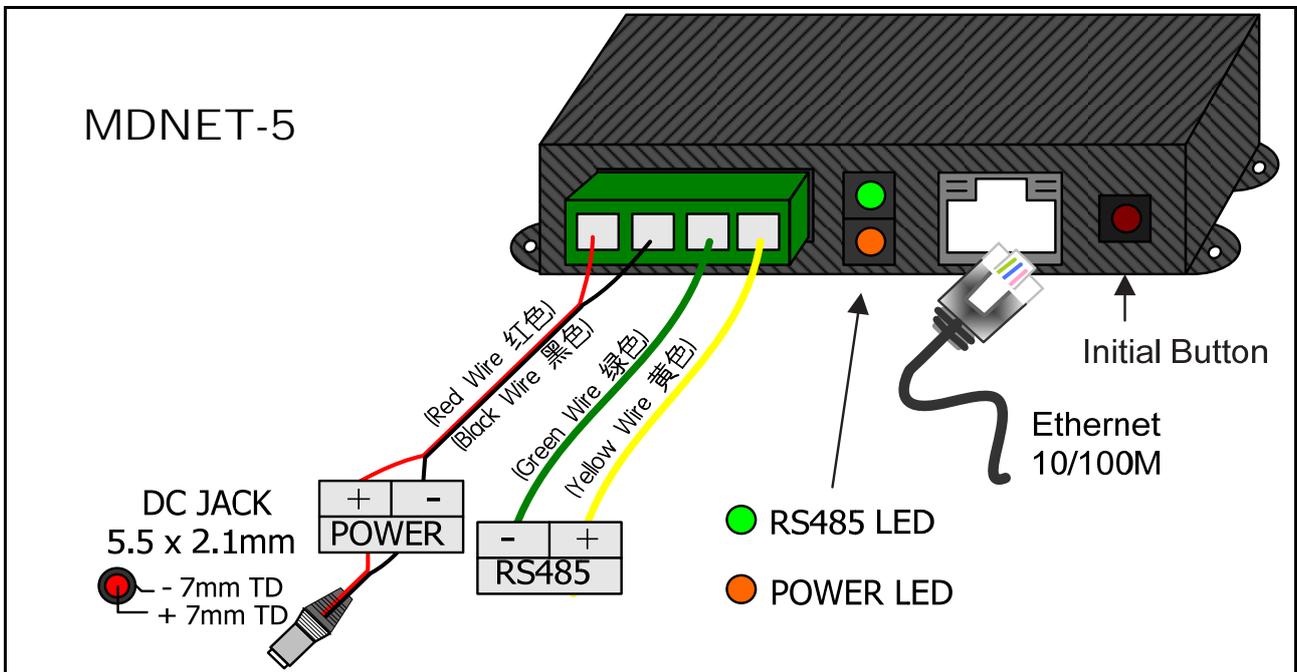
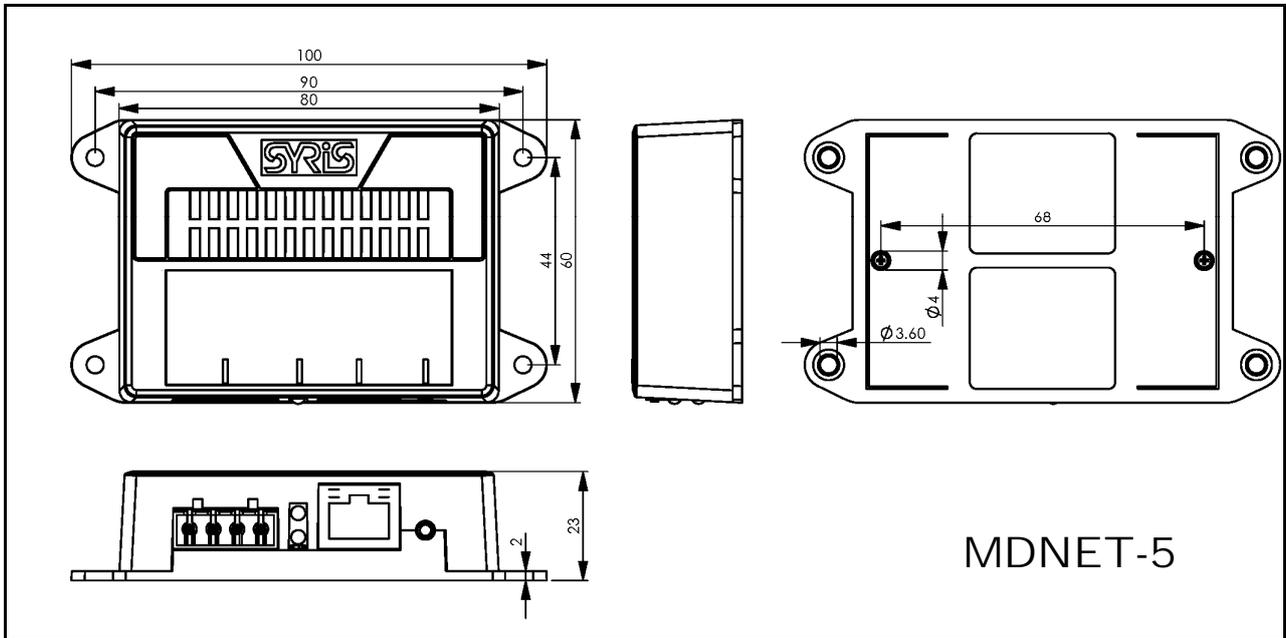
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(如需设定工具与使用说明书，请到网站下载)



### MDNET-5 Specifications:

局域网络	10BASE-T/100BASE-TX port, 10/100Mbps AutoNegotiation		
TP port	RJ-45 phone jack		
通讯协议	TCP Server/Client, UDP		
通信接口	RS-485		
连接串口	4 PIN (RS-485+POWER)		
通信速度	19,200 bps (4,800、9,600、19,200、38,400、57,600、115,200)		
Parity	None , Event , Odd	工作温度	-20°C to 70°C
Data bits / Stop bits	8 / 1	储存温度	-30°C to 80°C
状态指示	2 LED ( Power , RS485 )	电气隔离	1.5KV for Ethernet
颜色	Black	输入电压	8V to 15V DC
工作湿度	10% to 95% (Non-condensing)	尺寸(mm)	100W x 60H x 23D

# MDNET-5 联机说明:

1. 依照前页接线图连接装置后，开启浏览器于网址列输入该装置 IP，即可进入设定画面。确认后点选 **Submit** 进入。

Please input password:

预设密码: 1234

**Submit**

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## 2. Basic

- **Device Name:** 设定装置名称。
- **Device ID:** 设定 ID。
- **RS485 Setup:** 设定传送/接收的延迟时间。

**MDNET5-V7 Configuration:**

Basic	Network	Operating Mode	Accessible IPs	Password	Serial	Other
MAC Address:	00-1d-34-44-33-22					
Serial Number:	12059991					
Firmware Version:	0273					
Hardware Version:	0121					

	Current	Select	Modify
Device name:	MDNET-5	<input type="checkbox"/>	<input type="text"/>
Device ID:	0001	<input type="checkbox"/>	0001 (0001~9999)
RS485 Start delay:	1500	<input type="checkbox"/>	1500 (100~9999)us
RS485 End delay:	500	<input type="checkbox"/>	500 (100~9999)us

**Submit**

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## 3. NETWORK

- **STATIC:** 手动设定 IP。
- **DHCP:** 自动设定 IP。

**MDNET5-V7 Configuration:**

Basic	Network	Operating Mode	Accessible IPs	Password	Serial	Other
MAC Address:	00-1d-34-44-33-22					
Serial Number:	12059991					
Firmware Version:	0273					
Hardware Version:	0121					

	Current	Select	Modify
IP Configuration:	Static IP	<input type="checkbox"/>	STATIC <input type="text"/>
IP Address:	192.168.1.13	<input type="checkbox"/>	<input type="text"/>
Subnet mask:	255.255.255.0	<input type="checkbox"/>	<input type="text"/>
Default gateway:	192.168.1.254	<input type="checkbox"/>	<input type="text"/>
DNS Server1:	N/A	<input type="checkbox"/>	<input type="text"/>
DNS Server2:	N/A	<input type="checkbox"/>	<input type="text"/>

**Submit**

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## 4. Operating Mode

- **Operating Mode:** 设定 TCP Server、TCP Client 或 UDP 模式。
- **TCP Server Mode:** 设定 Local Port, Max Connection 可达四组 IP。
- **TCP Client Mode:** 设定 Any Character 或 Star up 模式, 最多可设定四组 IP。
- **UDP Mod:** 设定 Local Port, 最多可设定四组 IP。

**MDNET5-V7 Configuration:**

Basic	Network	Operating Mode	Accessible IPs	Password	Serial	Other
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MAC Address:	00-1d-34-44-33-22
Serial Number:	12059991
Firmware Version:	0273
Hardware Version:	0121

	Current	Select	Modify
<b>Operating Mode</b>	TCP server Mode	<input type="checkbox"/>	TCP Server mode
<b>TCP Server Mode</b>	Local TCP Port: 5001 Max Connection 1	<input type="checkbox"/>	Local TCP Port: 5001 Max Connection 1
<b>TCP Client Mode</b>	Connect Mode : Starup	<input type="checkbox"/>	Connect Mode : Starup
	Destination IP 01: N/A	<input type="checkbox"/>	Destination IP 01: Port: 5001
	Destination IP 02: N/A	<input type="checkbox"/>	Destination IP 02: Port: 5001
	Destination IP 03: N/A	<input type="checkbox"/>	Destination IP 03: Port: 5001
<b>UDP Mode</b>	Local UDP Port: 0	<input type="checkbox"/>	Local UDP Port: 5001
	Destination IP 01: N/A	<input type="checkbox"/>	Destination IP 01: Port: 5001
	Destination IP 02: N/A	<input type="checkbox"/>	Destination IP 02: Port: 5001
	Destination IP 03: N/A	<input type="checkbox"/>	Destination IP 03: Port: 5001
Destination IP 04: N/A	<input type="checkbox"/>	Destination IP 04: Port: 5001	

**Submit**

## 5. Accessible IPs : 设定四组拥有存取权限的 IP。

**MDNET5-V7 Configuration:**

Basic	Network	Operating Mode	Accessible IPs	Password	Serial	Other
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MAC Address:	00-1d-34-44-33-22
Serial Number:	12059991
Firmware Version:	0273
Hardware Version:	0121

	Current	Select	Modify
<b>Accessible IP 01:</b>	N/A	<input type="checkbox"/>	
<b>Accessible IP 02:</b>	N/A	<input type="checkbox"/>	
<b>Accessible IP 03:</b>	N/A	<input type="checkbox"/>	
<b>Accessible IP 04:</b>	N/A	<input type="checkbox"/>	

**Submit**

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## 6. PASSWORD : 设定进入控制模式时候的密码。

**MDNET5-V7 Configuration:**

Basic	Network	Operating Mode	Accessible IPs	Password	Serial	Other
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MAC Address:	00-1d-34-44-33-22
Serial Number:	12059991
Firmware Version:	0273
Hardware Version:	0121

Password:  **Submit**

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7. Serial : 设定速率 (预设为 19200,e,8,1)。

**MDNET5-V7 Configuration:**

Basic	Network	Operating Mode	Accessible IPs	Password	Serial	Other
MAC Address:	00-1d-34-44-33-22					
Serial Number:	12059991					
Firmware Version:	0273					
Hardware Version:	0121					
		Current		Modify		
Serial :	19200 e 8 1		115200,n,8,1			
<b>Submit</b>						

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8. Other

- **Data Packing:** 设定段落字符 (接收到某特定字符时, 将传出该字符前的讯息)
- **Force Tx Timeout:** 如果迟迟未收到指定段落字符, 则在多久时间后送出讯息。
- **Miscellaneous:** TCP Alive Check Timeout—联机达到设定时间后即断线;  
Inactivity Timeout—于设定时间内无数据传输(UART)即断线。

**MDNET5-V7 Configuration:**

Basic	Network	Operating Mode	Accessible IPs	Password	Serial	Other
MAC Address:	00-1d-34-44-33-22					
Serial Number:	12059991					
Firmware Version:	0273					
Hardware Version:	0121					
		Current		Select	Modify	
Data Packing (Optional)	Delimiter 1:	0d-Hex		<input type="checkbox"/>	Delimiter 1:	0d (0-f) Hex
	Delimiter 2:	N/A-Hex		<input type="checkbox"/>	Delimiter 2:	00 (0-f) Hex
	Force Tx Timeout:	10-ms		<input type="checkbox"/>	Force Tx Timeout:	10 (0-65535) ms
Miscellaneous (Optional)	TCP Alive Check Timeout:		N/A-min	<input type="checkbox"/>	TCP alive timeout:	
	Inactivity Timeout:		N/A-ms	<input type="checkbox"/>	TCP activity timeout:	
					0	(0-255) min
					0	(0-65535) ms
<b>Submit</b>						

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