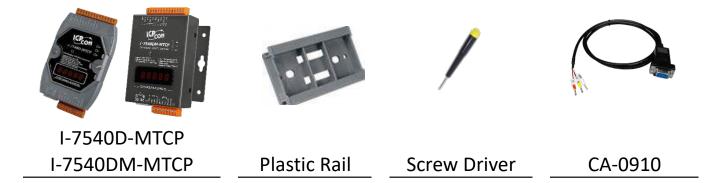


I-7540D(M)-MTCP Quick Start

Packing List

In addition to this guide, the package includes the following items:

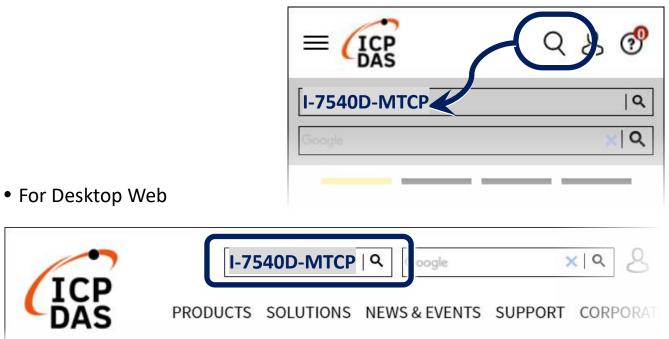


Technical Support

service@icpdas.com www.icpdas.com Resources

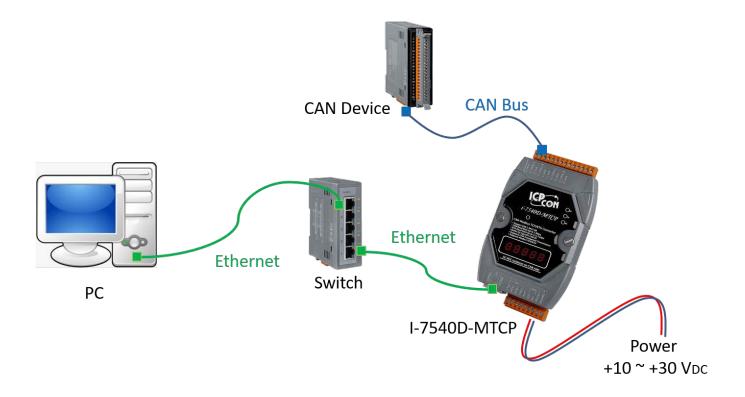
How to search for drivers, manuals and spec information on ICP DAS website.

• For Mobile Web



1 Connect to PC, Internet, IED and Power

Step1. Connect PC and I-7540D(M)-MTCP with Ethernet switch. Step2. Connect CAN port of I-7540D(M)-MTCP to CAN device. Step3. Provide +10 ~ +30 VDc power to I-7540D(M)-MTCP.



I-7540D(M)-MTCP default IP information : IP: 192.168.255.1 Gateway: 192.168.0.1 Mask: 255.255.0.0

2 Download I-7540D-MTCP Utility

Utility download link: https://www.icpdas.com/en/download/show.php?num=926&mod el=I-7540D-MTCP-G

The utility file name is I7540D-MTCP_vx.xx.exe (vx.xx is version number). The utility execute file can be executed directly.

I7540D-MTCP_v2.03.exe

3 I7540D-MTCP Utility Connection

💯 I-7540D-MTCP utility v2.03				
File Action Help	🔜 Setting	_		×
Connect Disconnect Exit About	IP 192.168.255.1			
Operation Mode Operation mode Set	Gatewa Timeout 5000	ms	Connect	
CAN Parameters	Mask:			

Click Connect icon to open connection dialog. Input IP address of I-7540D(M)-MTCP and then click "Connect" button to connect with I-7540D(M)-MTCP.

4 Configure I-7540D(M)-MTCP

Setting CAN Test Modbus Mod	bus Test
Operation Mode Operation mode Modbus TCP	~ Set
CAN Parameters	
CAN Specification 2.0)B v
CAN Bus Baudrate	00K ~
BITO (Hex)	BIT1 (Hex)
Acceptance Code 00 00	00 00 (Hex)
Acceptance Mask FF FF	FF FF (Hex)
Error Resp.) v
TimeStamp Resp. No	· ~
Setting	Default

After connect to I-7540D(M)-MTCP, please select to "Setting" page and set "CAN Specification" and "CAN Bus Baudrate" to suitable the CAN device that connected to I-7540D(M)-MTCP.

After then, click "Setting" button to save settings to I-7540D(M)-MTCP.

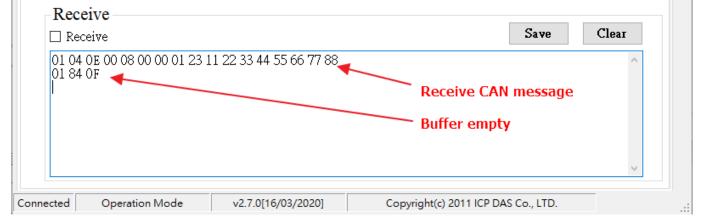
When the utility shows "Setting O.K.", Close the utility and reboot the I-7540D(M)-MTCP.

5 Communication Test

- Step1. Open utility and re-connect to I-7540D(M)-MTCP.
- Step2. Select "Modbus Test" page prepare to communicate test. Step3. Check the "Use Modbus TCP Command" item, select function code 4, then click "Send" button to send the Modbus read command

Ċ	TU	e Mođbus	s TCP Con	nmand			Timer	r (ms)	1000			
1200	00614	0007									Send	L
- тср	Drafiv	(Her)					- Mod	thus Com	mand (Hev) —		
		(Hex) dentifier	Protocol	identifier	Length	Field		ibus Com Functio			WordCount	ByteCount
	saction id		Protocol	identifier 0	Length	Field 6		Ibus Com Functio		Hex) StartAddress 0000	WordCount 0007	ByteCount 0E
Trans	saction id	dentifier	0				ID	Functio	n Code	StartAddress		-

Step4. If I-7540D(M)-MTCP had received CAN message, it will be show at "Receive" list box below the utility.



Step5. Select function code 16 and fill in CAN message that want be send. The I-7540D(M)-MTCP will send the CAN message after click "Send" button.

Setting	CAN Test	Modbus	Modbus Test							
TCP	RTU									
	🗹 Us	e Mođbus	TCP Command			🗌 Timer ((ms) 1000		Send	
0	1 10 00 00 0	0 07 0E 00	0 08 00 00 03 21	AABB CC DD	EE FF 00 99				Dend	
	TCP Prefix Transaction i		Protocol identi 0 0		h Field 6	- Modł ID 01	Function Code	(Hex) StartAddress 0000	WordCount 0007	ByteCount 0E
_	CAN Mes MODE 11-bit ID ~	sage (H ID (H 32	Hex) RTR	DLC D1 $8 \sim AA$		D4 D	05 D6 D7 E FF 00	D8 99		

No MODE ID(hex) RTR DLC D1 D2 D3 D4 D5 D6 D7 D8 TimeStamp(sec)		Scrol	Mode_C	OverWrite I	Mode	🗕 🗹 S	Scrolling
	No MODE ID(hex)	RTR DLC D1	1 D2 D3	D4 D5	D6 D7 D	8 TimeStamp	(sec) 🔺
1 0 321 0 8 AA BB CC DD EE FF 00 99 259.4742	1 0 321	0 8 AA	A BB CC	DD EE	FF 00 9	9 259.474	2