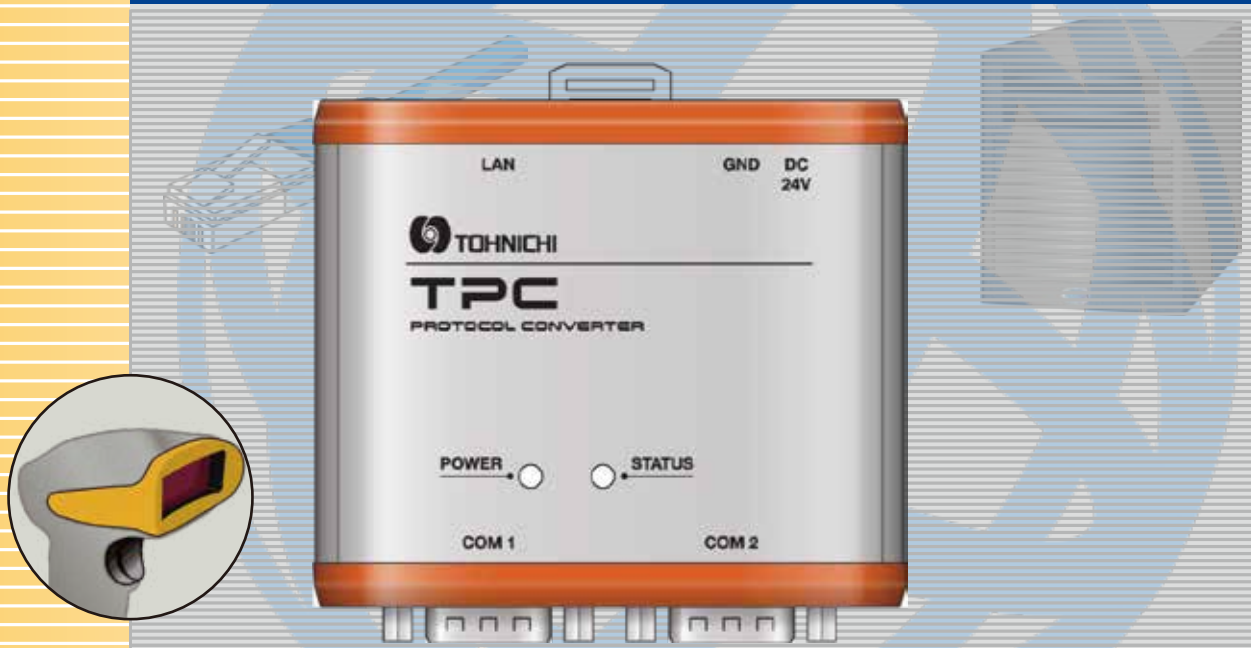


Protocol Converter

TPC/TPC2

Protocol Converter for providing compatibility of Tohnichi interface devices to other protocols



- Convert Tohnichi output format to existing protocols in your network
- Installed three different Protocol
- Add timestamps to the tightening record with the built-in clock
- Integrate tightening history and VIN by connecting a barcode reader
- RS232C and Ethernet conversion function

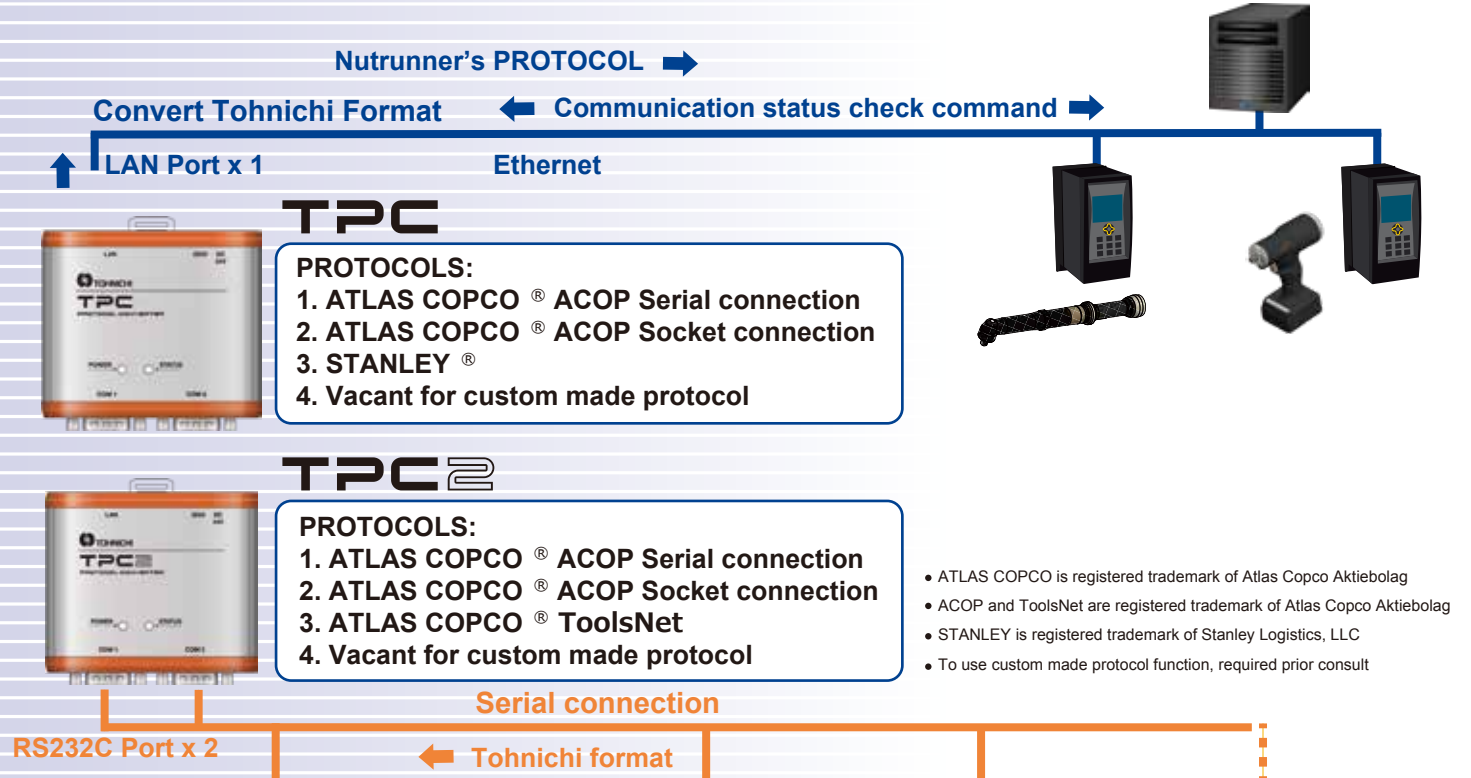


TPC/TPC2

Features

- Convert Tohnichi Input/Output Format into a Variety of Protocols

Use as Protocol Converter and Serial to Ethernet device

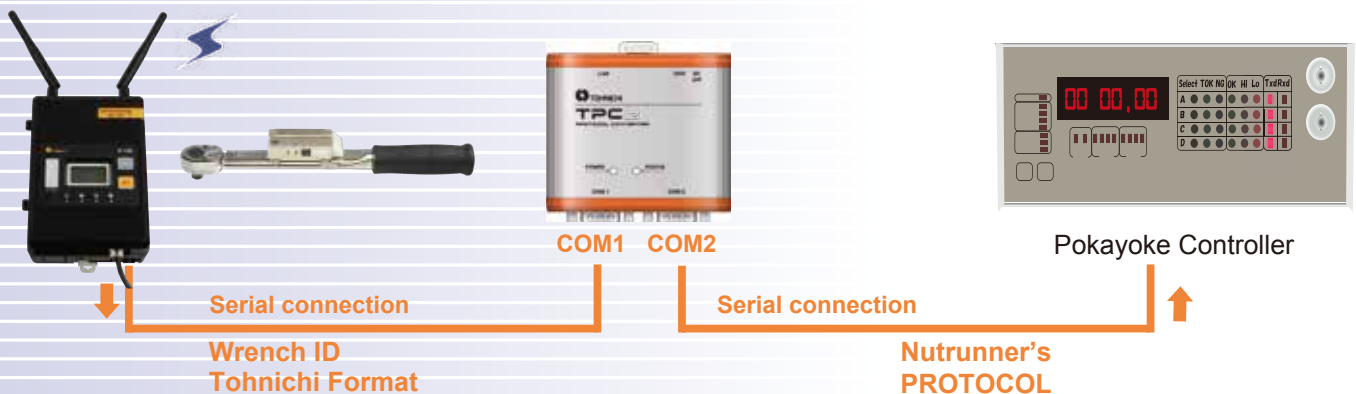


Tohnichi Interface Devices

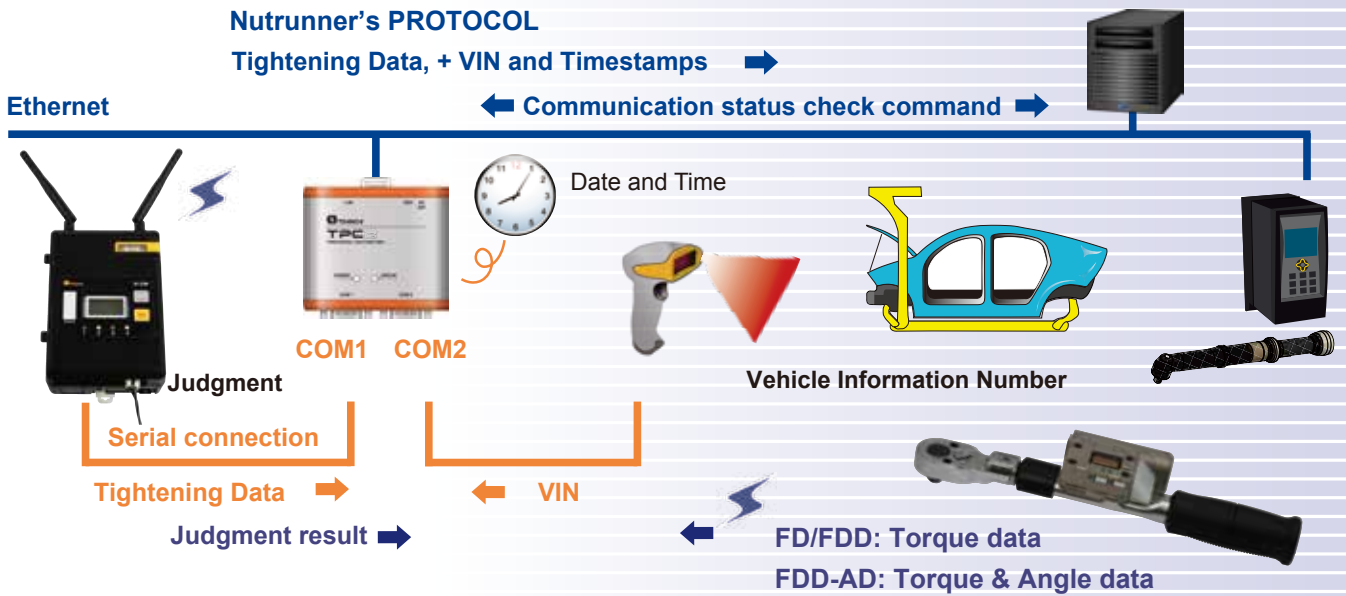
Connected up to 2 Interface Devices of Tohnichi products at once.

R-CM Receiver box	Interchangeable module	R-BT Receiver	CD5 Display	CEM3-BTA/PTA-G-BT
Wireless torque wrenches systems FHM/FD/FD-D/FDD-AD	M-FH: Tightening count pokayoke M-FD: Data transfer FD/FDD/FDD-AD M-BL: Solar powered pokayoke	Bluetooth® communication type data transfer torque wrenches	Display of wired data transfer torque wrenches CSPLD/CSPLDC	Torque and angle monitoring, Bluetooth communication * Need a RS232C-Bluetooth adapter for direct connection.

Use as Protocol Converter with Serial Connection

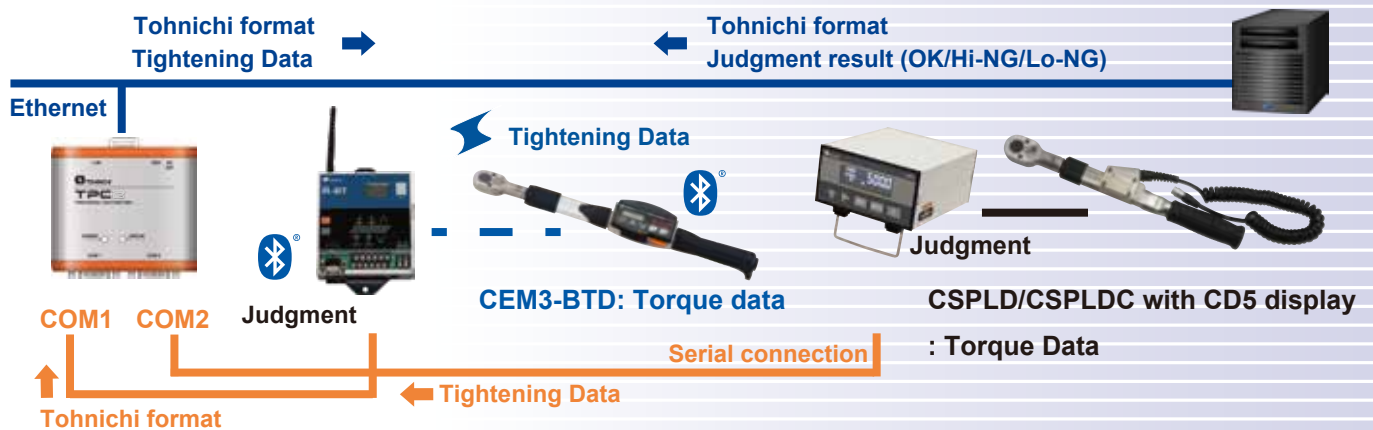


● Incorporate Time and Vehicle Information with Tightening Record



Other Usage Examples

■ Serial to Ethernet Device without protocol conversion



■ Direct connection of CEM3-BTA/PTA-G-BT Bluetooth Tools as backup*



Setting Software

Software manages setup, version update and custom protocol*.

* Required prior consult for the custom made.



Protocol setting

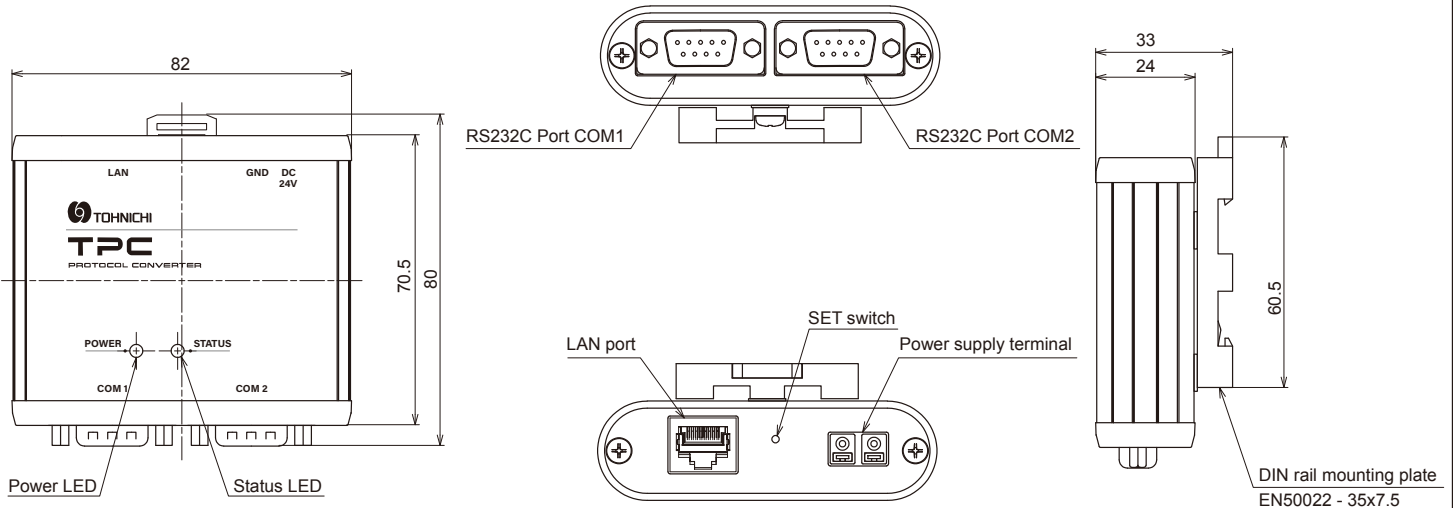


IP address setting

Dimensions and Specifications

TPC/TPC2

[mm]



Model	TPC / TPC2	
Input/Output	LAN x 1, RS232C x 2	
TPC applicable protocols	Atlas copco ACOP serial, ACOP socket, STANLEY, A vacant for custom made	
TPC2 applicable protocols	Atlas copco ACOP serial, ACOP socket, ToolsNet, A vacant for custom made	
Available Tohnichi models	Receiver: R-CM+M-FH*1/M-FD*2/M-BLA*2/M-BLE*2, R-BT, R-FH256, R-FHD256	
	Torque tool: CEM3-BTA*3 PTA-G-BT*4	Display: CD5
Power source	DC24V (18V - 36V), AC100V - 240V with external AC adapter	
Body materials	Body: Aluminum Panel : Resin	
Display	Power status LED x 1, Communication status LED x 1	
Operating temperature	0 to 40°C	

- Note**
- *1 In case using TPC version less than 1.2 with R-CM+M-FH module, should be set at R-FH for the data format.
 - *2 In case using TPC version less than 1.2 with R-CM+M-FD, M-BLA or M-BLE module, should be set at any other than STD for the data format.
 - *3 Available to TPC ver 1.20 or more and TPC2 only.
 - *4 Available to TPC/TPC2 ver 1.30 or more.
 - Coin type battery CR2032 is build in for time maintenance.
 - For using a custom made protocol with this device, consult to Tohnichi in advance.
 - Supports for setting up of a custom made protocol is chargeable.
 - Need a market Bluetooth® to RS232C conversion receiver for direct connection with CEM3-BTA and PTA-G-BT.
 - A D-Sub 9-pin female interlink serial cross cable is necessary for setting by setting software, please prepare market one.
 - Bluetooth® is registered trademark of Bluetooth SIG Inc.

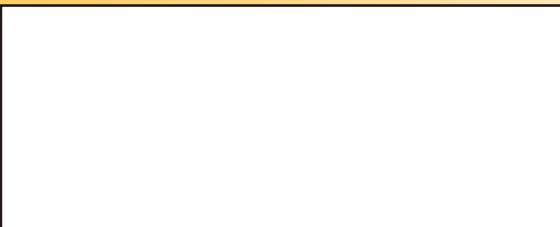
Optional accessory

AC adapter

Model	BA-8W	AC100V-240V
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Promotional videos are available on YouTube. Visit Tohnichi TV!
<https://www.youtube.com/c/TohnichiTV>



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