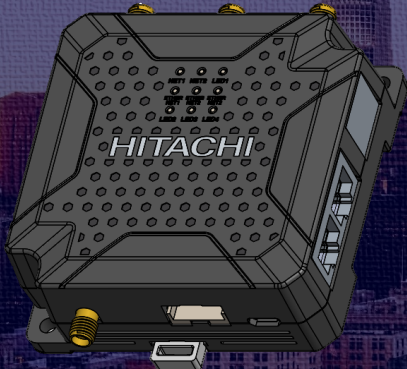


CP Trans Industrial IoT Router

HITACHI
Inspire the Next

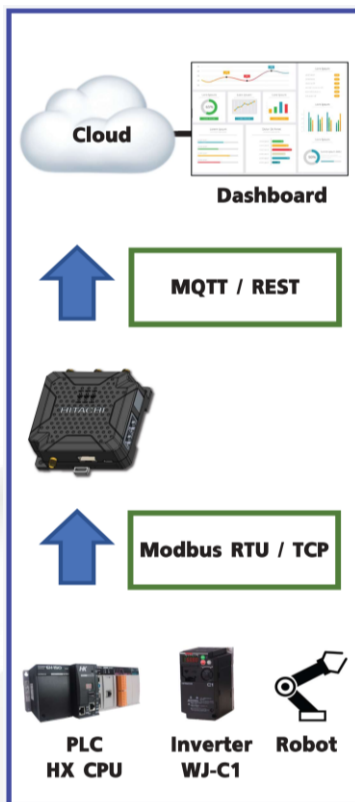


Connect equipment on LTE networks by Wireless-LAN, Ethernet, etc. Suitable for industrial use having compact size and strong environmental durability.

CP Trans Main Features

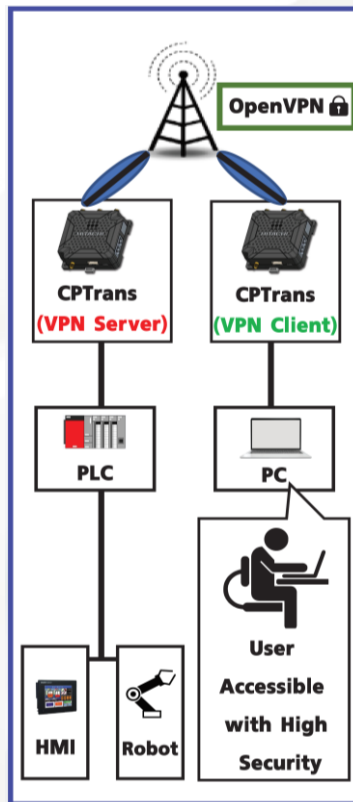
Monitor on Cloud

Easy to monitoring on Cloud via mobile and PC from anywhere



Remote Solution

Device to Device remote accessible by OpenVPN protocol



Notification

Getting notification by Line app. for downtime reduction on machine or production line



Hitachi Asia (Thailand) Co.,Ltd.

12th Floor, Ramatand Building, No.952 Rama IV Road Suriyawongse, Bangrak, Bangkok 10500

AIM ONLINE จัดจำหน่ายโดย บริษัท เอไอเอ็ม กรุ๊ป จำกัด

เลขที่ 299/183 ถนนสามวา แขวงบางชัน เขตคลองสามวา กรุงเทพฯ 10510

สำนักงานกลาง : 02 088 5290 ฝ่ายขาย : 063-879-9917

อีเมล : sales@aimgroup.co.th ไลน์ไอดี : @aimonline


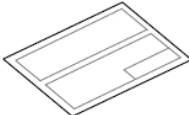
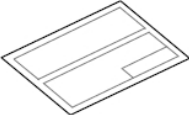


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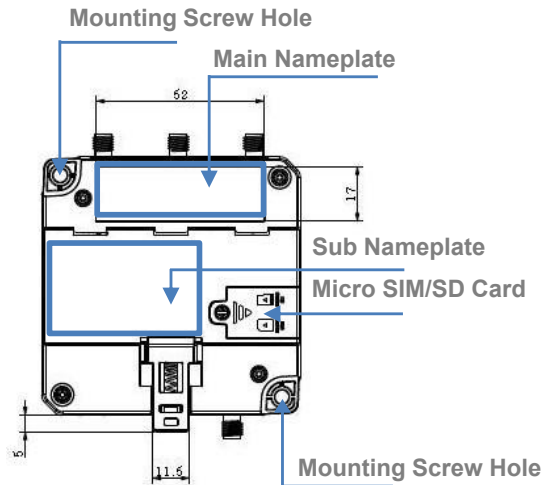
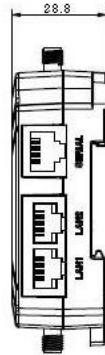
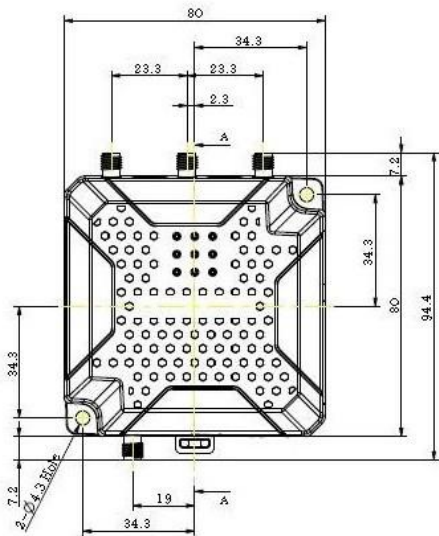
■ General Specifications

Item	Detail
Apply Chipset	Quectel EG25-G (LTE Module) Quectel FC20 (WLAN Module) QCA8337 (Ethernet PHY chip) STM32F072C8 (MCU)
Radio Method (WAN)	LTE Cat4、3GPP Rel.11 LTE FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13 /B18/B19/B20/B25/B26/B28 LTE TDD: B38/B39/B40/B41 WCDMA: B1/B2/B4/B5/B6/B8/B19 GSM: 850/900/1800/1900MHz
Radio Method (WLAN)	WLAN(2.4GHz) IEEE802.11b/g/n
GNSS	GPS/GLONASS/BeiDou/Galileo
Interface	LAN1/LAN2: Ethernet(10/100MHz) Serial: RS232C/RS485 SDI-12

Item	Detail
Power Supply	Input Voltage: DC5V-24V === Max. Current: 3A
Environmental conditions	Operating Temperature : -20°C - +60°C Storage Temperature : -30°C - +70°C Operating Humidity : 5% - 95%

■ Bundled goods

- | | | | | |
|--|---|--|--|---|
| 1 | 2 | 3 | 4 | 5 |
|  |  |  |  |  |
| <input type="checkbox"/> Terminals (CPTans-MGW) | <input checked="" type="checkbox"/> User Manual (this book) | <input type="checkbox"/> CE DOC letter (CPTans-MGW) | <input type="checkbox"/> LTE Antenna (2 pcs) | <input type="checkbox"/> WLAN Antenna (1 pcs) |

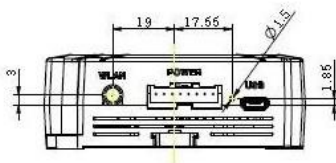
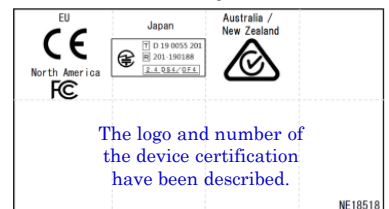


Main Nameplate

Hitachi Industrial Equipment Systems Co., Ltd.
 Product: CPTans-MGW Contains FCC ID: XMR201903EG25G
 MODEL: CP-QGWG-E2S-1 Contains FCC ID: XMR201703FC20
 VOLTS: DC5V-24V ~ 3.0A Contains IC: 10224A-201903EG25G
 MFG. No.: 0400XXXXXXXXX00001 Contains IC: 10224A-201703FC20
 DATE: 2020.06. MADE IN KOREA ME1: 867698040556972 NE18517

MFG. No.: 0400XXXXXXXXX00001
 F/W.H/W Ver.

Sub Nameplate



HITACHI

CPTrans-MGW (Model: CP-QGWG-E2S-1)

This document is the user manual of the industrial wireless router "CPTrans-MGW", and please be sure to read it before using it. Please consider this book to reach the end user always.

■ Acquired Certification

List of international certifications

Certification	No.	Countries
CE (Reference, this may be a review of the target country.)		France, Germany, United Kingdom, Italy, Spain, Switzerland, Portugal, Greece, Netherlands, Austria, Denmark, Finland, Sweden, Ireland, Belgium, Slovakia, Czech, Poland, Slovenia, Estonia, Malta, Latvia, Lithuania, Cyprus, Hungary, Romania, Luxembourg, Croatia, Bulgaria, Iceland, Norway, Liechtenstein, Turkey
FCC	See Module ID XMR201903 EG25G XMR201703 FC20	USA
IC	See Module ID 10224A-2019 03EG25G 10224A-2017 03FC20	Canada
TELEC JATE	See Module ID AD190040201 D190055201 201-190133 201-190188	Japan
NBTC	NBTC ID. B38455-20 -XXXX	Thailand
MPTC	0193-2020 -2S-1	Cambodia
WPC	ETA-SD- 20200704252	India
RCM		Australia, New Zealand

■ Country Specifications

Support bands may change due to changes in the regulations of the relevant countries. Follow the latest regulations in each country.

[CE/FCC/IC]

CE Support Band

BAND	LTE FDD: B1/B3/B7/B8/B20/B28 LTE TDD: B38/B40 WCDMA: B1/B8 GSM: 900/1800MHz
Max. Power	LTE: 23dBm +2/-2.7dB (Power class: 3) WCDMA: 24dBm +1/-3dB (Power class: 3) GSM900: 33dBm (+/-)2dB (Power class: 4) GSM1800: 30dBm (+/-)2dB (Power class: 1) EDGE 900: 27dBm (+/-)3dB (Power Class E2) EDGE 1800: 26dBm +3/-4dB (Power Class E2)

FCC Support Band

BAND	LTE FDD: B2/B4/B5/B7/B12/B13/B25/B26 LTE TDD: B38/B41 WCDMA: B2/B4/B5 GSM: 850/1900MHz
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Radio Method (WLAN)

Certification	CE	FCC
WLAN	IEEE802.11b/g/n	IEEE802.11b/g/n
BAND	2412 - 2472MHz	2412 - 2462MHz
Max. Power	11b: 19dBm 11g: 20dBm 11n: 19dBm	11b: 15.83dBm 11g: 13.91dBm 11n: 13.96dBm

[JATE/TELEC: Japan]

Support Band

BAND	LTE FDD: B1/B3/B8/B18/B19/B26 LTE TDD: B41 WCDMA: B1/B6/B8/B19 WLAN: 2.4GHz
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[NBTC: Thailand]

Support Band

BAND	LTE FDD: B1/B3/B5/B8/B28/B40 LTE TDD: B41 WCDMA: B1/B5/B8 GSM: 900/1800MHz WLAN: 2.4GHz
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[MPTC: Cambodia]

Support Band

BAND	LTE FDD: B1/B8 WCDMA: B1/B8 GSM: 900/1800MHz WLAN: 2.4GHz
------	--

[WPC: India]

Support Band

BAND	LTE FDD/LTE TDD/WCDMA/GSM Applicable band: Among the General Specifications WLAN: 2.4GHz
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[RCM: Australia, New Zealand]

Support Band

BAND	LTE FDD: B1/B3/B5/B7/B20/B28 WCDMA: B1/B8 WLAN: 2.4GHz
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