



Real-Time Process Control and Traceability Made Simple

CV-IOT Gateway Module

The Metcal CV-IOT Gateway Module with a Metcal Connection Validation™ systems enables you to capture data for real-time productivity and track soldering events as they happen.

Features

- Capture all your soldering data.
- Offers access to dynamic or static reports that can be generated locally or anywhere in the world.
- Plug directly into your network.
- Intuitive Dashboard enables you to view solder events, tip life, production floor updates which highlights how many stations are on/off, ground fault events, and total solder joints by station.
- Data generated in real-time.
- Change metadata for easier understanding.
- Easily view productivity and system status at-a-glance.
- Refine data views through filters and user configurations.
- Ability to download your detailed data to a CSV file to evaluate and create queries.
- Easily add a barcode scanner (not included) to scan PCB boards or other items.

CV-IOT Gateway Module & Desktop Application

Data Sheet



PRODUCT SHIPS WITH:

- CVI-IOT Gateway
- Charger, 5 V, 500mA
- Software Instruction Guide
- Cable, USB 2.0 A Male to Male
- Cable, USB 2.0 A Splitter
- Cable, USB 2.0 A to Micro USB Male

SYSTEM REQUIREMENTS:

- Windows 10
- Intel® Core™ i5 CPU or better
- 2 GB of system memory/RAM
- Intel® HD Graphics
- At least 150 GB of storage
- Ethernet 10/100



PART NUMBERS

CV-IOT	CV-IOT Gateway module, cables, splitter, charger, intro guide with software link
CV-5210-IOT	CV-5210 Soldering System + CV-IOT (everything listed above)

MODULE TECHNICAL SPECIFICATIONS

Dimensions	70 mm x 55 mm	
PCB Layer	8-layer	
Power Supply	5 V/1 A	
Power Consumption	5 V/0.25 A	
	UK/EU	NORTH AMERICA
Working Temperature	-40 °C ~ 85 °C	0 °C ~ 70 °C
Target Applications	Industry 4.0	IoT
CPU	MCIMX6	
DDR3	256 MB (Support up to 2 GB)	
NAND Flash	256 MB (Support 512 MB/1 GB)	
Ethernet	1 x 10/100 Mbps	
USB	1 x USB Host, 1 x Micro USB Device	

For Sales and Support:

Metcal Corporate Headquarters
 10800 Valley View Street,
 Cypress, California, 90630, USA
Tel: 1-714-799-9910
Fax: 1-714-828-2001
E-mail: eorders@okinternational.com

Visit our website for more information and to contact the Metcal office nearest you.

metcal.com/contact-us

