Tigo® Flex MLPE

CLOUD CONNECT ADVANCED (CCA) AND ACCESSORIES

MONITORING AND SAFETY SYSTEM PACKAGE

The Cloud Connect Advanced (CCA) is a compact and powerful data logger, and the communication hub of the Tigo TS4 platform. It powers the monitoring and safety capabilities of Tigo smart modules.

CONNECTIVITY

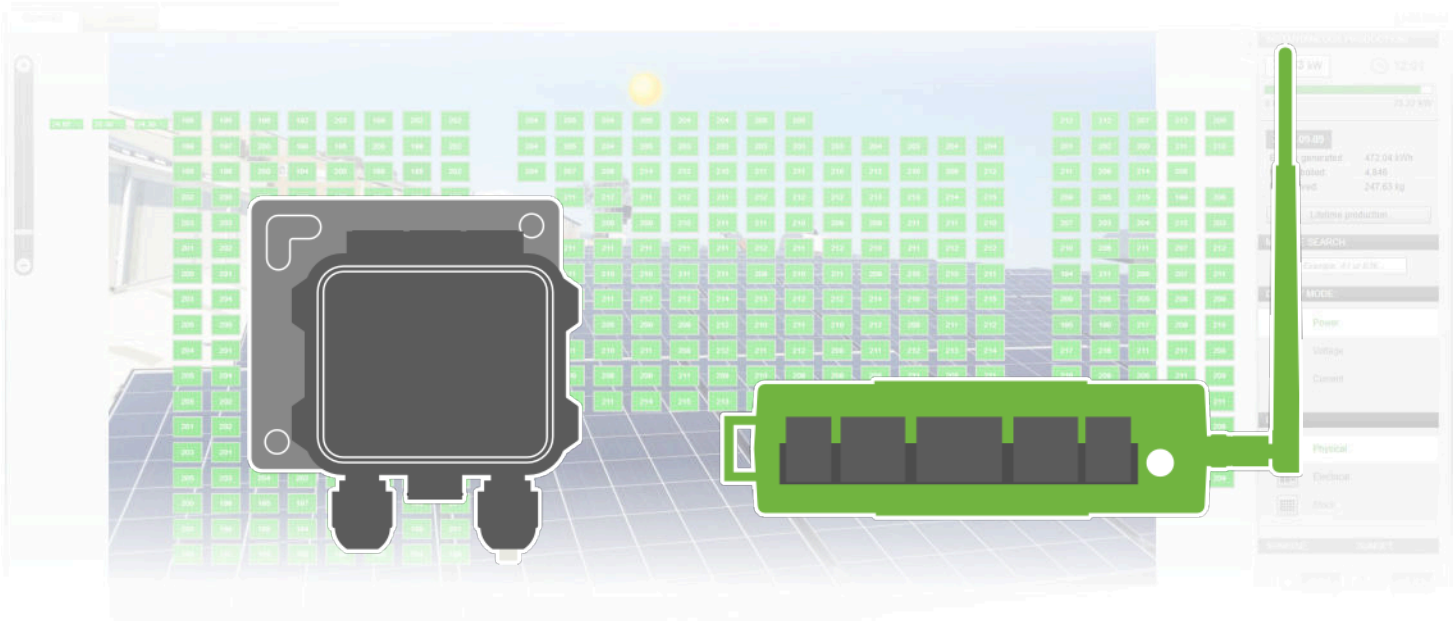
View module-level monitoring data through the Tigo cloud and quickly commission new installations with the Tigo SMART app for Android and iOS.

PROTECTION

An IP65-rated enclosure is available for outdoor installations. Install the CCA on the included DIN rail with room to spare for cables and even a revenue-grade AC meter.

INSTALLATION OPTIONS

The CCA can be installed either indoors or outdoors. Select a DIN rail power supply or standard outlet power supply.



CLOUD CONNECT ADVANCED (CCA)

COMPACT DATA LOGGER

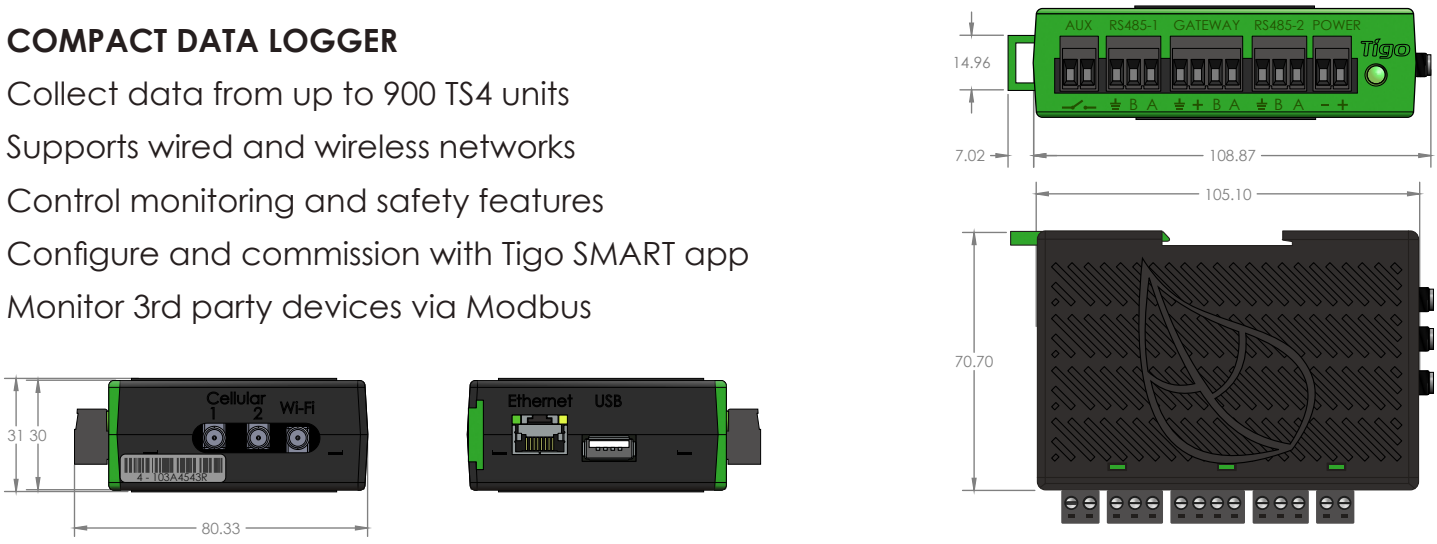
Collect data from up to 900 TS4 units

Supports wired and wireless networks

Control monitoring and safety features

Configure and commission with Tigo SMART app

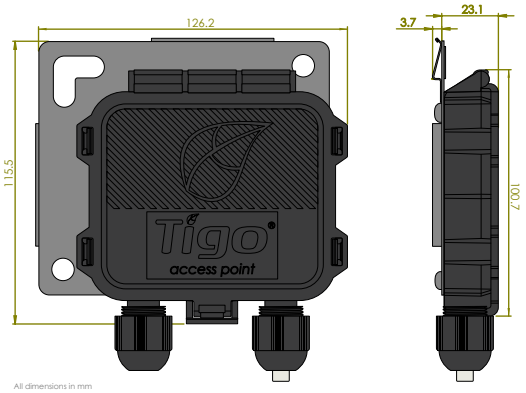
Monitor 3rd party devices via Modbus



All dimensions in mm

Mechanical Specifications
Dimensions (CCA only): 31mm x 115.51mm x 71.54mm
Weight (CCA only): 126g
Operating Temperature Range (CCA only): -20°C to +70°C (-4°F to +158°F)
Cooling: Natural Convection
Environmental rating: IP68, Type 4R (in outdoor enclosure)

TIGO ACCESS POINT (TAP)



All dimensions in mm

WIRELESS ACCESS POINT

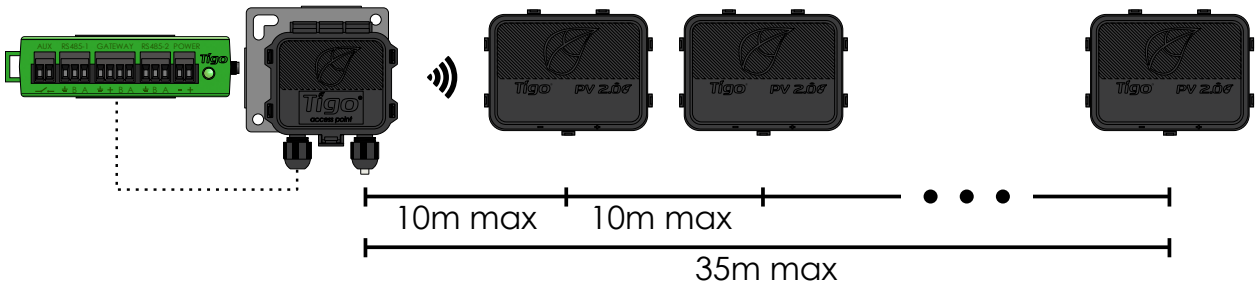
Collect data from up to 300 TS4 units

Wireless mesh communication

High definition sampling rate

Scalable architecture

Mounts easily on module frame without tools



Mechanical Specifications
Dimensions: 126.2mm x 130.0mm x 26.8mm (with bracket)
Weight: 227g (0.5lbs)
Operating temperature range: -20°C to +85°C (-4°F to 185°F)
Environmental rating: IP68, Type 4R

ALWAYS CONNECTED

Compact, DIN rail mountable
Supports wired and wireless networks
Connects to 3rd party devices via Modbus
Android/iOS app for monitoring and commissioning
Controls rapid shutdown for Tigo TS4 units
IP68, Type 4 rated outdoor enclosure



Pictured: CCA with DIN rail PSU
and optional revenue-grade meter

Electrical	
Cloud Connect Advanced (CCA)	
Input Voltage: $10V_{DC}$ - $25V_{DC}$	
Power Consumption: 3W - 7W	
Power Supply	
Input Voltage: $100V_{AC}$ - $240V_{AC}$	
Capacity	
Each CCA supports up to 900 TS4 units and up to 7 TAPs	
Each TAP supports up to 300 TS4 units up to 115ft (35m) away	
Mechanical Specifications	
Dimensions (outdoor enclosure): 115mm x 278.4mm x 203mm	
Weight (CCA in enclosure with power supply): 1.1kg	
Operating Temperature Range (CCA only): -20°C to +70°C (-4°F to +158°F)	
Cooling: Natural Convection	
Environmental rating: IP68, Type 4R (in outdoor enclosure)	
User Interface	
Mobile App: Tigo SMART App for Android and iOS	http://bit.ly/2AU7B9S
Multi-function LED status indicator	http://bit.ly/2kp9I2e

ORDERING OPTIONS

CCA kit with TAP, DIN rail power supply, outdoor enclosure
CCA kit with TAP, outlet power supply, outdoor enclosure
CCA kit with TAP, DIN rail power supply
CCA kit with TAP, outlet power supply
CCA, DIN rail power supply, outdoor enclosure
☐ Cellular option for CCA
☐ Extended warranty for CCA (+5 years)

For more information on Tigo products:
www.tigoenergy.com/products

For technical information:
http://support.tigoenergy.com

For additional info and product selection assistance, use Tigo's online design tool at www.tigoenergy.com/design

For sales and ordering information:
sales@tigoenergy.com or 1.408.402.0802

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