



CLOUD CONNECT ADVANCED (CCA)

Data Logger and Rapid Shutdown Controller

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

CONNECTIVITY

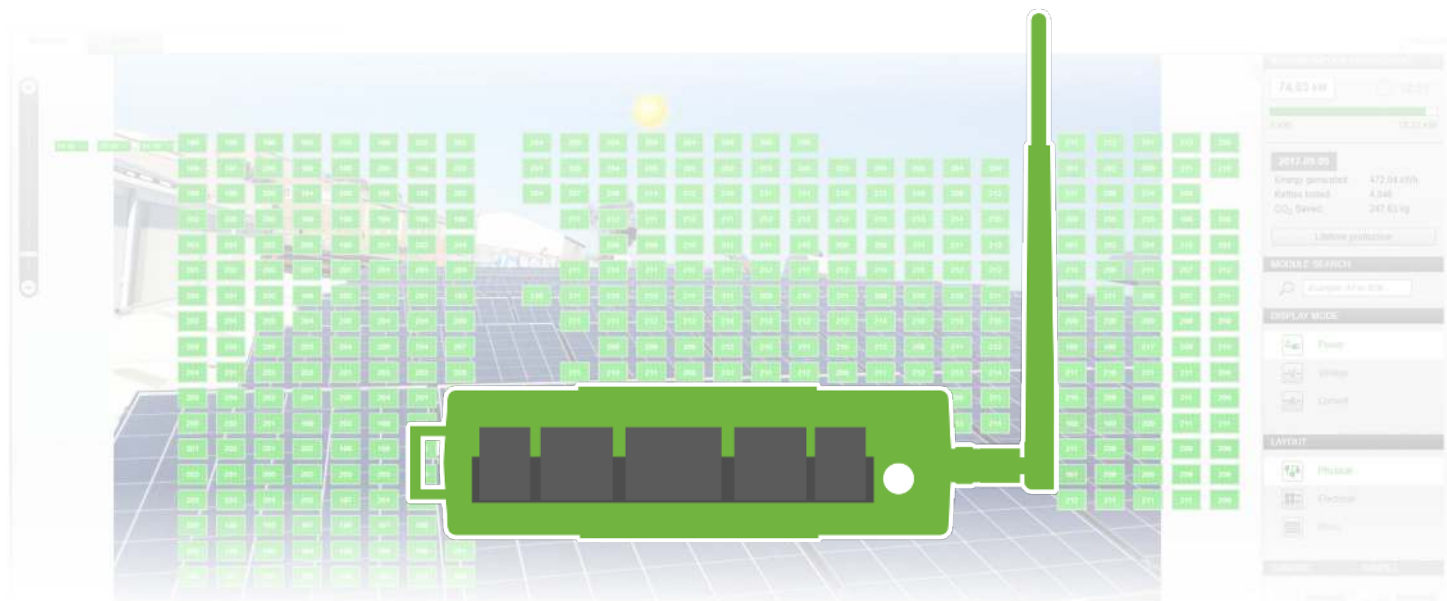
View module-level monitoring data through the Tigo cloud and quickly commission new installations with built-in wireless communication and the Tigo SMART app for Android and iOS.

SAFETY

Control module-level deactivation for Tigo systems to comply with NEC 2014 and 2017 690.12 Rapid Shutdown requirements.

FLEXIBILITY

Read data from a wide range of 3rd party devices, including Modbus-equipped inverters, charge controllers, weather stations, and revenue grade meters.



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COMPACT DATA LOGGER

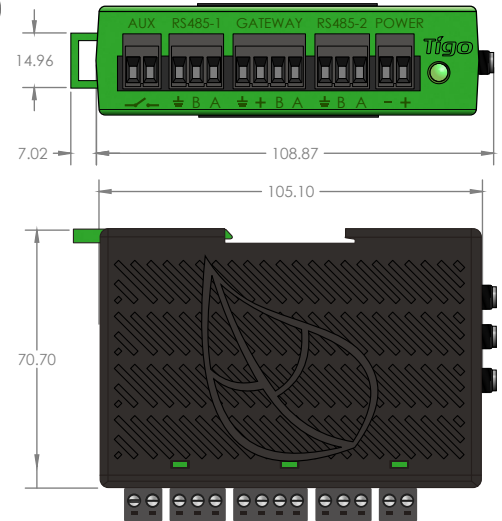
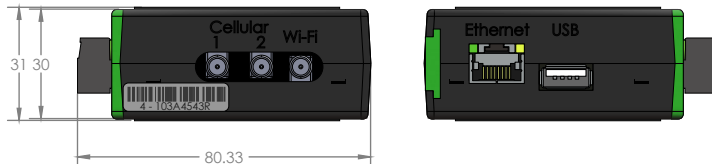
Collect data from up to 900 TS4 units

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

Electrical

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

DIN rail mountable enclosure

Dimensions (CCA only): 31mm x 115.51mm x 71.54mm

Weight (CCA only): 126g

Operating Temperature Range: -20°C to +70°C (-4°F to +158°F)

Cooling: Natural Convection

User Interface

[Mobile App: Tigo SMART App for Android and iOS](#)

[Multi-function LED status indicator](#)

ORDERING OPTIONS

Item #	Description
346-00000-00	CCA, Standalone



For sales info:

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For product info:

Visit tigoenergy.com/products

For technical info:

Visit support.tigoenergy.com

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

