



## CCA AND ACCESSORIES

### 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

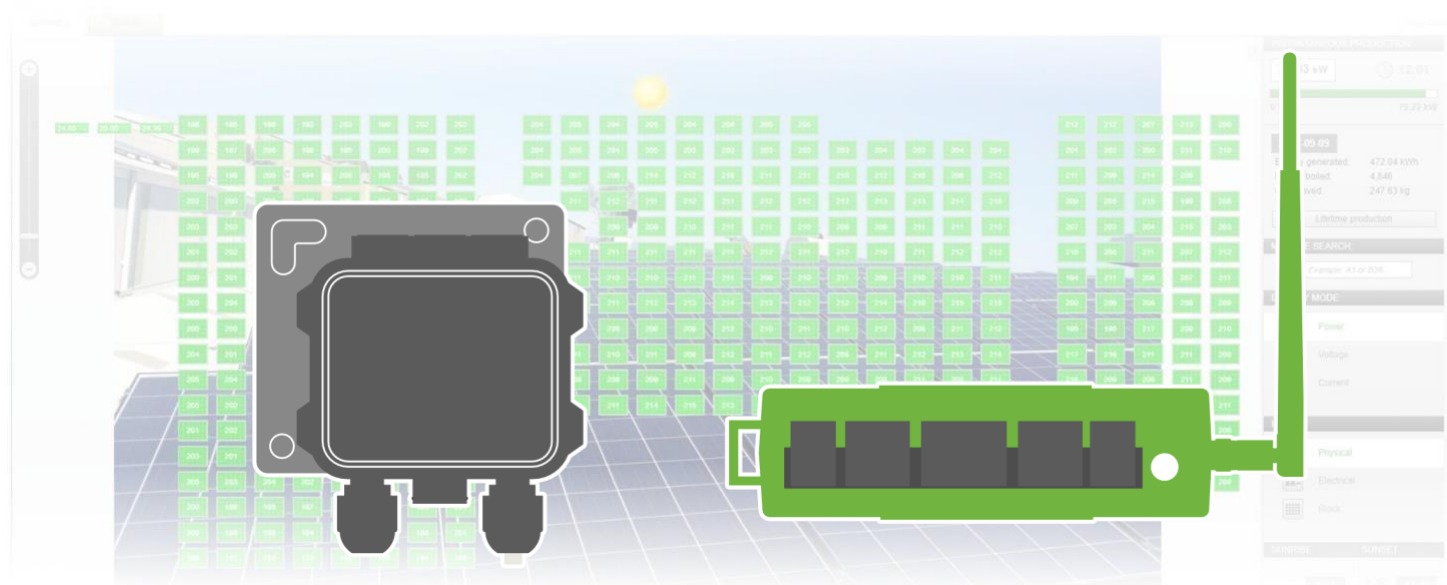
View module-level monitoring data through the Tigo cloud and quickly commission new installations with built-in wireless communication and the Tigo SMART app for Android and iOS.

#### 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.



# CLOUD CONNECT ADVANCED (CCA)

## COMPACT DATA LOGGER

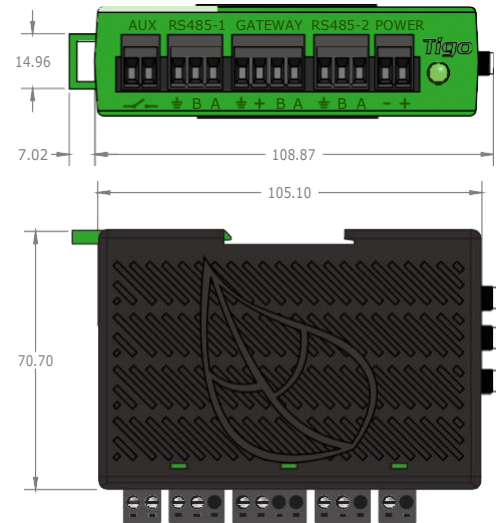
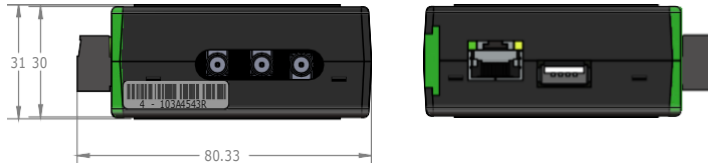
Collect data from up to 900 TS4 units

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

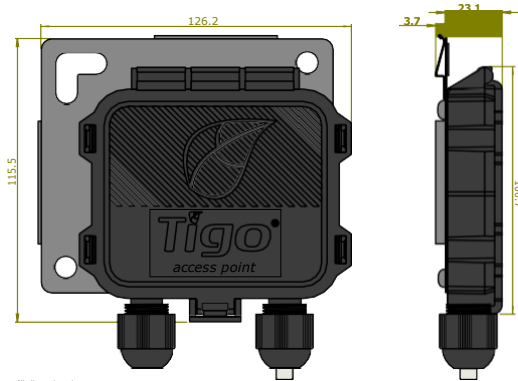
Weight (CCA only): 126g

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

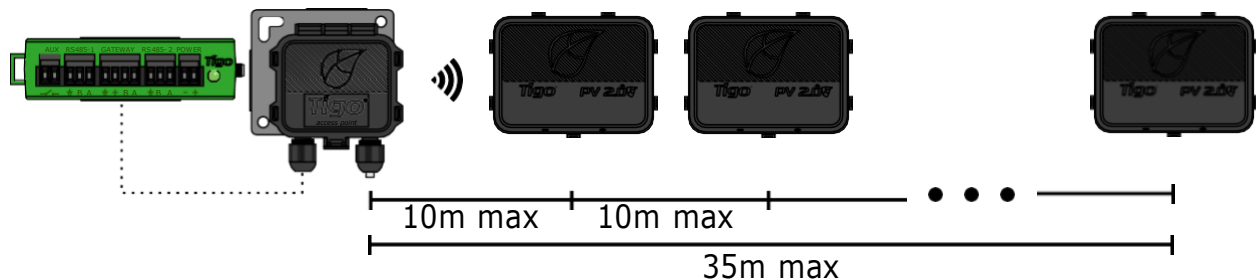
Collect data from up to 300 TS4 units

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 4R rated outdoor enclosure



Pictured: CCA with DIN rail PSU  
in Outdoor Enclosure

## Electrical

### Cloud Connect Advanced (CCA)

Input Voltage: 10V<sub>DC</sub> - 25V<sub>DC</sub>

Power Consumption: 3W - 7W

### Power Supply

Input Voltage: 100V<sub>AC</sub> - 240V<sub>AC</sub>

## 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

Multi-function LED status indicator

## ORDERING OPTIONS

| Item #                               | Description                                                |
|--------------------------------------|------------------------------------------------------------|
| 348-00000-52                         | CCA kit with TAP, DIN rail power supply, outdoor enclosure |
| 348-00000-62                         | CCA kit with TAP, outlet power supply, outdoor enclosure   |
| 344-00000-52                         | CCA kit with TAP, DIN rail power supply                    |
| 344-00000-62                         | CCA kit with TAP, outlet power supply                      |
| 348-00000-10                         | CCA, DIN rail power supply, outdoor enclosure              |
| Extended warranty for CCA (+5 years) |                                                            |

