Tigo® Flex MLPE

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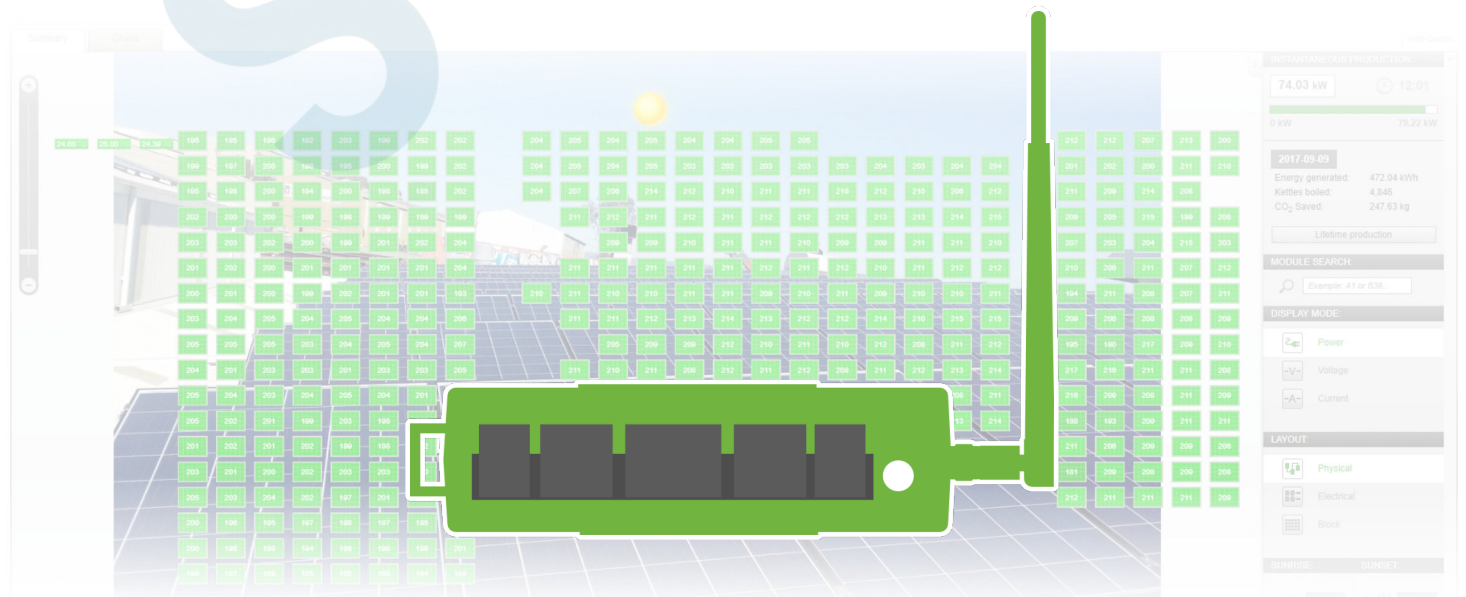
CONNECTIVITY
View module-level monitoring data through the Tigo cloud and quickly commission new installations with built-in wireless communication and the Tigo SMART app for Android and iOS.

SAFETY
Control module-level deactivation for Tigo systems to comply with NEC 2014 and 2017 690.12 Rapid Shutdown requirements.
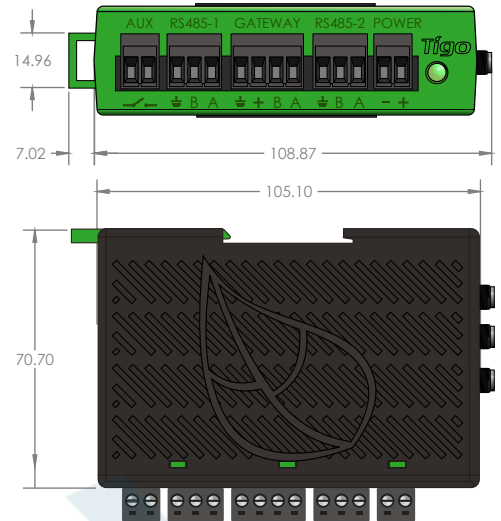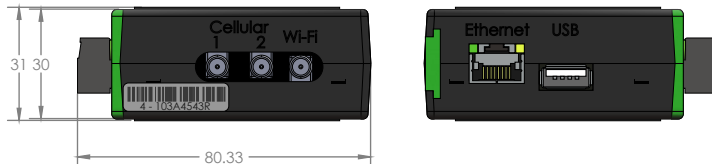
FLEXIBILITY
Read data from a wide range of 3rd party devices, including Modbus-equipped inverters, charge controllers, weather stations, and revenue grade meters.

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

14.96

7.02

108.87

105.10

70.70

Cellular 1 2 Wi-Fi

4 - 103A4543R

31 30

80.33

Ethernet USB

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:
sales@tigoenergy.com or 1.408.402.0802

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

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