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

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**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

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**ORDERING OPTIONS**

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<tr>
<th>Item #</th>
<th>Description</th>
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<td>346-00000-00</td>
<td>CCA, Standalone</td>
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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