

# Tigo® Cloud Connect Advanced (CCA) – Guida Rapida

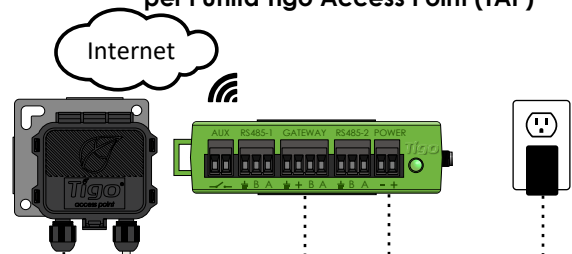
1. Leggere il manuale di installazione e scaricare la app Tigo SMART



[www.tigoenergy.com](http://www.tigoenergy.com)

g d d c f n 4 h [ c Y b Y f [ m W c a  
K \ U h g 5 d d % ( \$ , ! ( \$ & ! \$ , \$ )  
Z ' - ' ( & \* + - & & , ) z z ' - ' ( ) % \* % ' ' %

2. Verificare la disponibilità di una connessione internet e di alimentazione CA e organizzare un collegamento RS485 per l'unità Tigo Access Point (TAP)



Q N b J r ' 7 ' c i X ' 7 c b b Y W h 5 X j U b W X f 7 7 5 E ' b Y W W g g l U ' X J'  
U ' l a Y b t U n j c b Y ' 7 5 z X ] i b U ' W c b b Y g g j c b Y ' l b H Y f b Y h '  
f P h Y f b Y h c ' K ] : l Y X ] i b W c ' Y [ U a Y b t c ' f U a ] H Y ' W U j c ' X ]'  
W c a i b M U n j c b Y F G ( , ) ' U ' H 5 D "  
h g U ' U f Y ' U ' 7 7 5 ' g ' U ' g H y g U ' l b Y U ' 5 7 ' X Y ' N b j Y f H Y f d Y f '  
U m j U f Y ' c ' g d Y [ b ] a Y b t c ' f U d ] X c ' e i U b X c ' N b H y f f i H c f Y '  
[ Y b Y f U Y ' 5 7 ' , ' g d Y b t c "

Collegare i cavi di comunicazione prima di accendere la CCA.

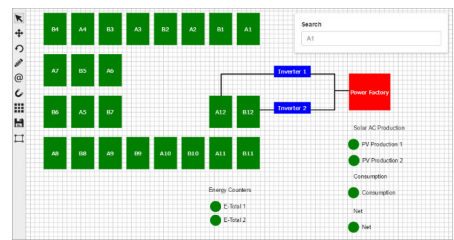
3. Configurare il sistema online o tramite la app Tigo SMART



5 W W X Y f Y ' W c b ] ' d f c d f j c ' U W W c i b h ] o g U ' U h c f Y ' g '  
h [ c Y b Y f [ m W c a ' c ' f U a ] H Y ' U ' U d d ' H [ c ' G A 5 F H Y ' W Y U f Y ' i b U '  
B i c j U ' h g U ' U n j c b Y

G Y [ i ] H Y ' Y ' l b X ] M U n j c b ] X Y ' g H Y ' V i ] X Y f d Y f W Y U f Y ' i b ' b i c j c '  
g l h a U ' ' D Y f e i Y g U ' c d Y f U n j c b Y ' , ' b Y W W g g j c X ] g d c f Y ' X Y ' '  
a c X Y ' c X ] a c X i ] H b j Y f H Y f ] o g U ' U h z W c g ' W c a ' Y ' X Y ] W c X M ] U '  
V U f Y ' X Y ' U ' 7 7 5 ' Y ' X Y ' Y i b ] r ' H G ( "

4. Create physical system map

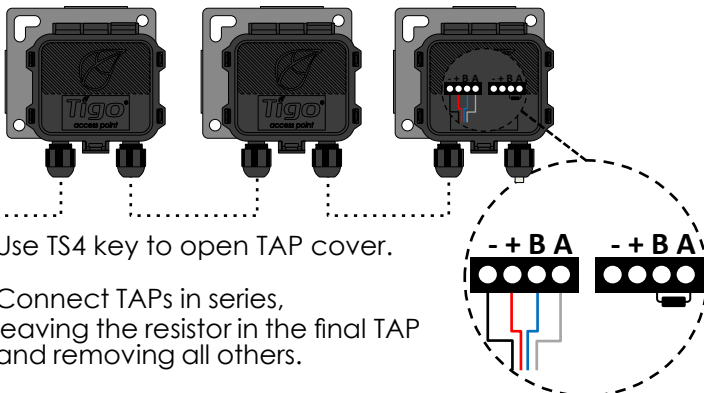


To create a map of the system that matches the physical layout\*, remove the peel-off stickers from the TS4 covers or record the barcodes on a map that represents their physical location.

Use the Tigo SMART app or site builder at [tigoenergy.com](http://tigoenergy.com) to edit the system map.

\*Optional, but improves appearance in monitoring portal

5. Install TAP(s)



Use TS4 key to open TAP cover.

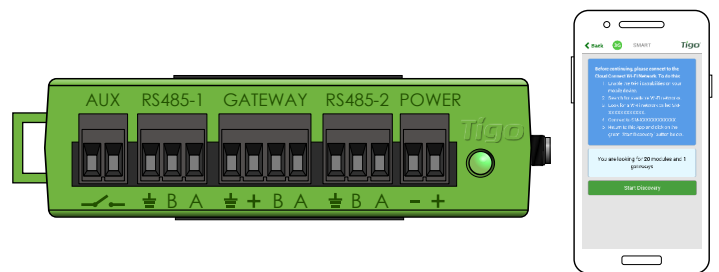
Connect TAPs in series, leaving the resistor in the final TAP and removing all others.

For best results place at least 5 modules with TS4 units within 33ft (10m) of a TAP.

Verify wiring polarity before connecting TAP(s)

Connect all communication wires before powering on CCA.

6. Commission the Tigo equipment



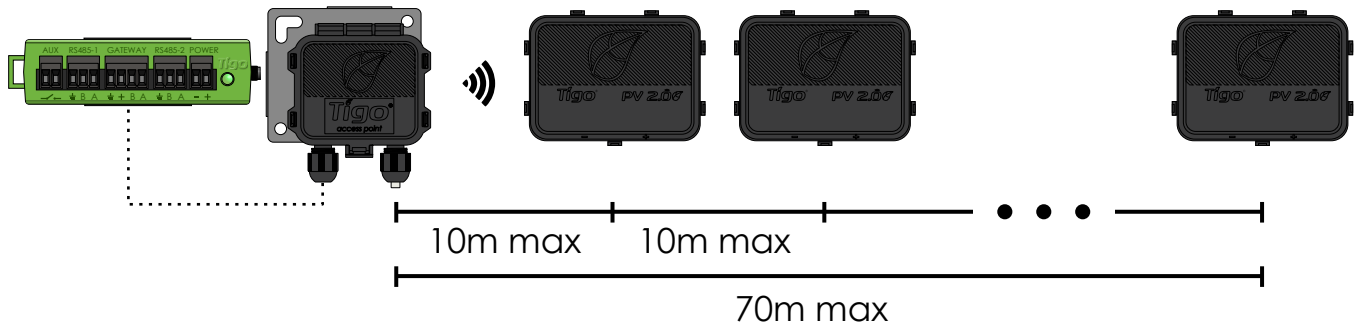
Use the Tigo SMART app to configure the Internet connection (wired Ethernet or Wi-Fi.)

Select **Start Discovery** in the app to begin scanning for TS4 units.

Discovery should be initiated from the Tigo SMART app while on-site and connected to the CCA.

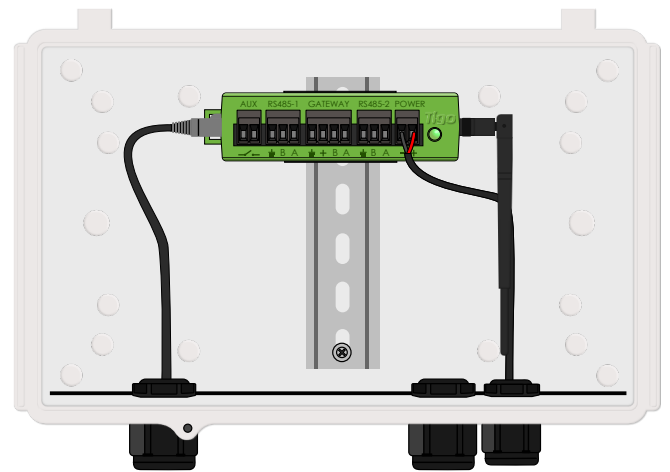
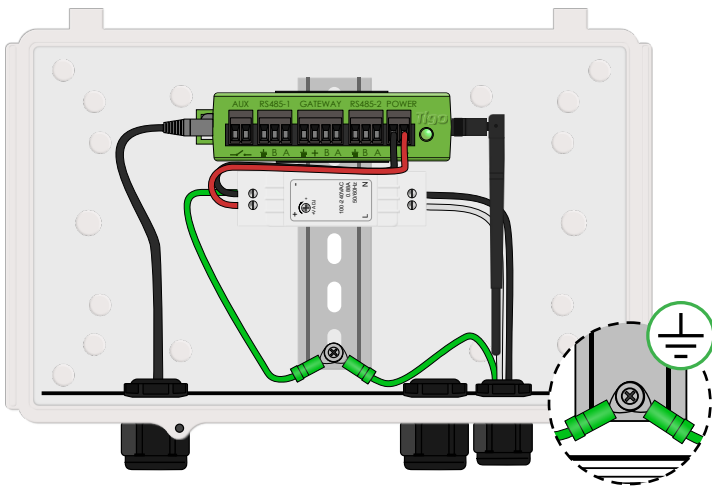
After commissioning, powering down the CCA and inverter deactivates the system.

## Tigo Smart Module System Layout



Up to 33ft (10m) between any two wireless devices (TAP to TS4, or TS4 to TS4)  
Use additional TAPs for TS4 units farther than 236ft (72m) away

## Connecting Power and Ground Wires



### DIN Rail power supply:

- Connect DC leads from power supply to CCA
  - Connect AC and DC ground wires to DIN rail
  - Connect AC power input to power supply
- Optional AC power cord not supplied in this kit - use 12-18AWG (0.75-2.5 mm<sup>2</sup>)

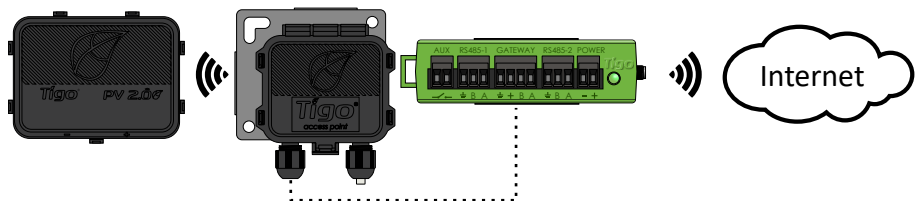
### Transformer power supply:

- Connect DC leads to CCA

## Equipment Planning

- 1 CCA per 900 TS4 units
- Up to 7 Access Points per CCA
- 300 TS4 units per TAP
- **CCA & TAP(s) are required for TS4 monitoring and safety features**

## Communication Path



### Wireless:

TS4 to TS4,  
TS4 to TAP

### RS485 Communication Cable:

Please visit [support.tigoenergy.com](http://support.tigoenergy.com)  
for cable types and NEC compliance

### Ethernet or Wi-Fi