

Tigo Access Point (TAP)

Wireless mesh communication device

The Tigo Access Point (TAP) improves the data management of your solar array by wirelessly communicating with Tigo smart modules and retrofit devices. TAP also greatly improves safety with module-level deactivation. When paired with a Cloud Connect Advanced (CCA), the TAP provides unparalleled visibility into your solar installation.

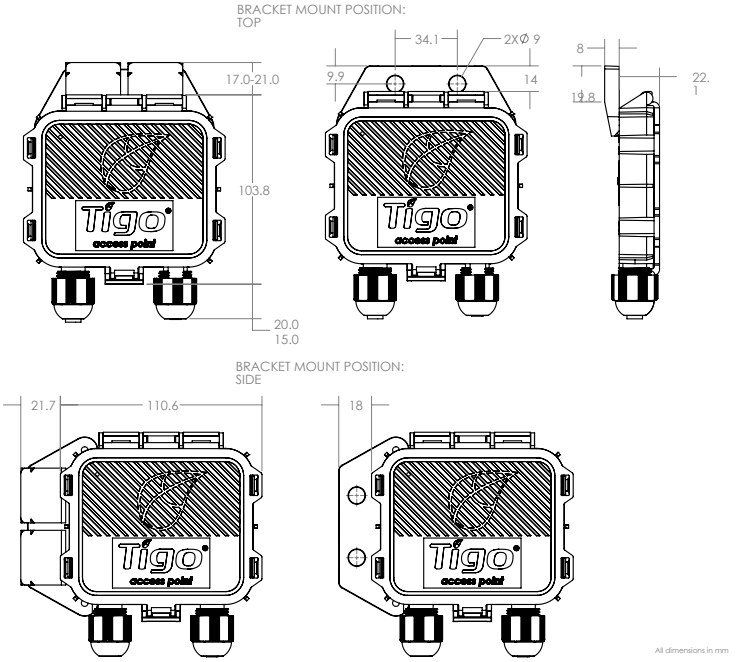
Features

- Wireless communication with Tigo TS4 devices
- Provide grid status to TS4 MLPE for rapid shutdown UL compliance
- Connects to Tigo Cloud Connect Advanced (CCA) via RS485 cable
- For use with TS4-A-O, TS4-A-S, and TS4-A-M

Benefits

- Easy installation on the module frame without tools
- Use the Tigo EI App on a mobile device for quick startup
- Enables wireless module level monitoring
- Enables wireless module-level rapid shutdown
- Connects to up to 300 TS4 units*

Dimensions



tigoenergy.com

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Electrical Specifications

Input voltage range	$5V_{DC}$ - $25V_{DC}$
Consumption	0.5W average, 1W peak
Recommended cable type	RS485, 18-22AWG

Mechanical Specifications

Dimensions	126.2mm x 130.0mm x 26.8mm (with bracket)
Weight	227g (0.5lbs)
Operating temperature range	-30°C to +70°C (-22°F to +158°F)
Environmental rating	IP68, Type 4R

Range and Capacity

Maximum distance from TAP to closest TS4	10m (33ft)
Maximum distance from TAP to farthest TS4	35m (115ft)
Total TS4 units supported*	Up to 300

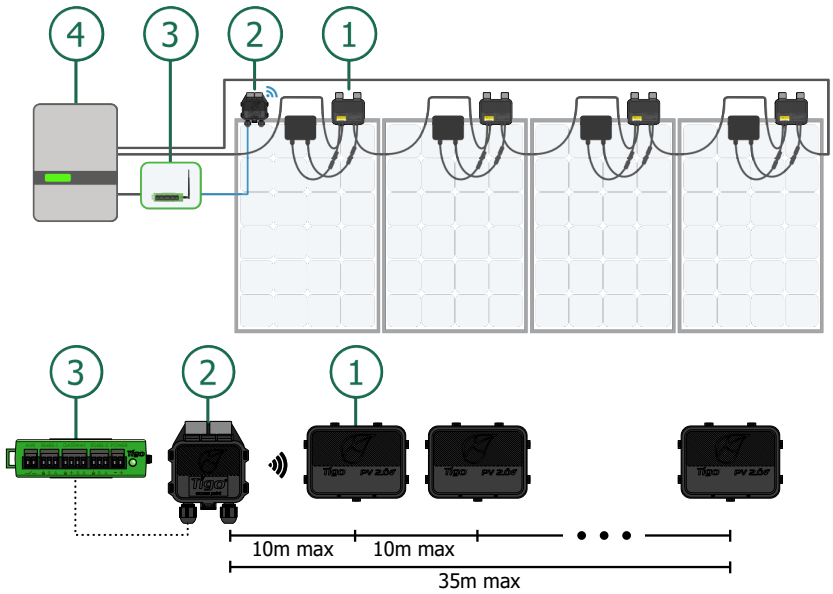
*environmental conditions can impact the number of units supported

Ordering Options

Item #	Description
158-00000-02	TAP, standalone

System Components and Spacing

1. Modules equipped with Tigo MLPE
2. Tigo Access Point (TAP)
3. Tigo Cloud Connect Advanced (CCA)
4. Inverter



Additional resources

Tigo TAP

Community

Support