Tigo® Flex MLPE



TIGO ACCESS POINT (TAP)

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.

VISIBILITY

Communicate directly with TS4 units using the Tigo SMART app on a mobile device for the fastest commissioning.

SAFETY

Provide grid status to TS4 MLPE for rapid shutdown UL compliance.

EASE OF INSTALLATION

Improved design flexibility and large inner compartment for quick wiring.



TIGO ACCESS POINT (TAP)

Collect data from up to 300 TS4 units*

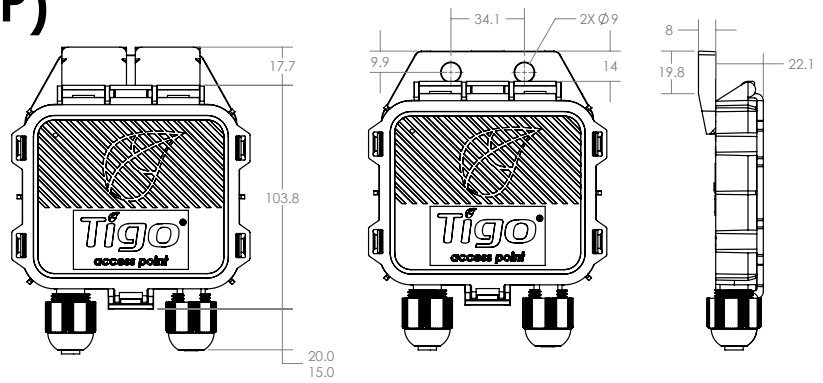
Wireless mesh communication

High definition sampling rate

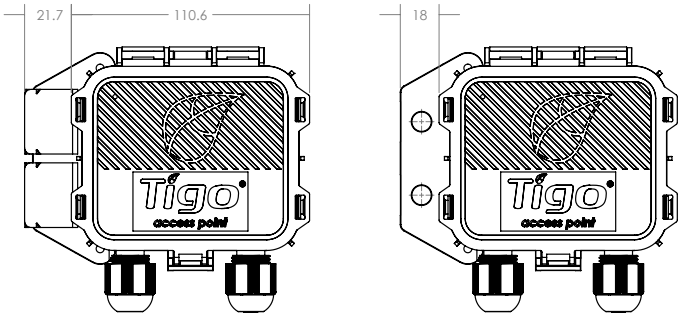
Scalable architecture

Mounts easily on module frame without tools

BRACKET MOUNT POSITION: TOP



BRACKET MOUNT POSITION: SIDE



All dimensions in mm

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)
Each TAP supports up to 300 TS4 units*

*environmental conditions can impact the number of units supported

ORDERING OPTIONS

Item #	Description
158-00000-02	TAP, standalone

Photovoltaic Rapid Shutdown System Equipment, QIJW2

For sales info:

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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