

Photovoltaic DTU Wireless Communication Module



Overview

The Hoymiles DTU-Pro-S data transfer unit uses Sub-1G technology to collect and send data from the microinverter to the S-Miles Cloud monitoring platform via Wi-Fi, Ethernet, or 4G. Support of RS485, Ethernet to communicate with peripherals. Support remote O&M including remote upgrading and adjusting parameter settings. It comes with a 3-year warranty, features a lightweight and compact design, and is compatible with the HMS and HMT. The data transfer unit Hoymiles DTU-PRO-S It is the essential component to monitor photovoltaic installations equipped with microinverters of the HMS or HMT series. Thanks to its advanced Sub-1G wireless communication technology and multiple connection options (Ethernet, WiFi and 4G), it allows. Is used for wireless WiFi communication at Sub1. 0 GHz with Hymile-microw substitute to monitor the system and operation of the photovoltaic modules.



Article Content

May 12, 2026

Data Transmission Unit

Synway IoT wireless communications products, including DTU products and data transmission module. The DTU products are industrial-grade wireless data transmission equipment, supporting 4G/3G/2G

Mar 25, 2026

Hoymiles DTU-Pro_All Products_Hoymiles

The Hoymiles Gateway DTU-Pro is a data transfer unit that efficiently collects information and data from PV microinverters using a 2.4G wireless solution. It then transmits this data to the S-Miles Cloud,

Apr 09, 2026

Implementation of a PV-WiFi Module for Wireless String Monitoring of ...

Request PDF | On Nov 30, 2020, Jin-Doo Jeong and others published Implementation of a PV-WiFi Module for Wireless String Monitoring of Photovoltaic Based on WiFi Communication | Find, read and ...

Jan 29, 2026

DTU-Wiite S WLAN Stick Open Dtu for Inverter HMS Series, PV

DTU WiFi Stick is a data transfer unit that monitors information and data from the micro inverters via 2.4 g wireless communication technology and transmits it to the S-Miles cloud remote

May 08, 2026

What are the advantages of 4G DTU module with MQTT protocol

In a narrow definition, DTU generally refers to the lower GPRS / WIFI / 3G / 4G and other transmitting terminal equipment in wireless communication. The former is a module, while the latter

Dec 07, 2025

Hoymiles DTU-Lite-S

Hoymiles gateway DTU-Lite-S is a data transfer unit which collects information and data of PV microinverter via Sub-1G wireless solution and sends them to S-Miles Cloud, Hoymiles Monitoring

Mar 18, 2026

hoymiles DTU-W100 Wireless COmmunication for Both

This user manual explains the installation and online setting process for Hoymiles DTU-Lite-S and DTU-W100 wireless communication devices for both

Aug 11, 2025

Hoymiles DTU-Pro-S Communication Module

The Hoymiles DTU-Pro-S data transfer unit uses Sub-1G technology to collect and send data from the microinverter to the S-Miles Cloud monitoring platform via Wi-Fi, Ethernet, or 4G comes with a 3

Aug 22, 2025

Hoymiles DTU-Pro-S (WIFI)

DTU-Pro-S uses various communication options such as Ethernet, WiFi or 4G. With DTU-Pro-S, users can easily read data and alarms at the level of each module, perform remote operation and

Dec 22, 2025

DTU-PRO GPRS Hoymiles communication module

The DTU-Pro communication module of the GPRS version is a device designed to work with Hoymiles HM series microinverters. It is an interesting solution that

Jan 04, 2026

HOYMILES DTU-WLite-S | Photovoltaic Distributor | PVhurt

HOYMILES DTU-WLite-S offers reliable wireless communication for solar systems, ensuring efficient monitoring and control with PVhurt's quality .

Mar 31, 2026

Aptos DTU-PRO Datasheet_011725

The Aptos gateway DTU-Pro is a data transfer unit which collects information and data from PV microinverters using a 2.4G wireless solution, and sends them to the Aptos End User App and the

Nov 08, 2025

DTU PRO-S WIFI HOYMILES monitoring module 5904204129947

The Hoymiles DTU-PRO-S monitoring module is an essential component of any photovoltaic system based on Hoymiles microinverters. The device enables wireless communication at SUB-1G

Jan 30, 2026

Introduction

Introduction OpenDTU Open Source software to talk to Hoymiles solar inverters. It is an alternative to their DTUs 1 which sync everything into the s-Miles cloud.

Mar 05, 2026

Hoymiles DTU-PRO-S, (monitoring & zero pouring)

The data transfer unit Hoymiles DTU-PRO-S It is the essential component to monitor photovoltaic installations equipped with microinverters of the HMS or HMT series. Thanks to its advanced Sub-1G

Jul 05, 2025

HOYMILES DTU PRO-S WIFI communication module

The DTU PRO-S module is a mandatory component for connecting a PV system to the grid. It is used for wireless WiFi communication at SUB-1G frequency with Hoymiles microinverters.

Oct 19, 2025

LoRa module and DTU, Long-range Wireless data

LoRa module and DTU can be used in combination to realize remote wireless data transmission and monitoring control.

Jun 14, 2026

Hoymiles DTU-Pro-S (WIFI)

Hoymiles Gateway DTU-Pro-S is a device designed to transfer data from PV microinverters using a Sub-1G wireless solution and send it to the Hoymiles Monitoring System, S-miles Cloud. DTU-Pro-S uses

Feb 02, 2026

DTU-PRO-S 4G LTE Hoymiles communication module

The module is used for 4G LTE communication with Hoymiles microinverters HMS i HMT series (communication in sub 1GHz band) in order to monitor the system

Jan 25, 2026

DTU-WLite-S Hoymiles communication module

The Hoymiles DTU-WLite-S module is used for wireless communication with Hoymiles microinverters to monitor the system and the operation of the

May 05, 2026

Hymiles DTU Wlite-S surveillance module (for 4 photovoltaic modules)

Is used for wireless WiFi communication at Sub1.0 GHz with Hymile-microw substitute to monitor the system and operation of the photovoltaic modules. The module only works with micro interricts of

Feb 21, 2026

DTU-PRO S Hoymiles communication module

Hoymiles gateway DTU-Pro-S is a data transfer unit which collects the information and data of PV microinverter using the Sub-1G wireless solution and sends to Hoymiles Monitoring System, S-miles

Sep 27, 2025

Aptos DTU-PRO Datasheet_011725

the Aptos Monitoring Site, using different communication options such as Ethernet, Wi-Fi, GPRS or 4G. With the DTU-Pro, users can easily read module-level data, system alarms, as well as realize remote

Dec 02, 2025

HOYMILES DTU-WLite-S | Photovoltaic Distributor | PVhurt

The HOYMILES DTU-WLite-S is a communication module designed to optimize solar inverter performance through real-time data transmission and monitoring. It incorporates modern features

May 29, 2026

Hoymiles DTU-PRO-S-WIFI Communication Gateway

Hoymiles Power DTU-PRO-S-WIFI The Hoymiles gateway DTU-Pro-S is a device that collects information and data from PV micro-inverters using a Sub-1G

Contact Us

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