

TITAN

T-PL-(WS/WF/CN/LW)

TECHNICAL SPECIFICATIONS

Electrical

- AC Supply voltage: 100 VAC ~ 240 VAC 50 / 60 Hz.
- Consumption: Max 3.0 W.
- Operating temperature 10 ~ 65 ° C.
- Supply voltage in DC: 24 VDC (optional).
- Supply voltage in DC Solar cell: 5 VDC 10 W and 20 W. (optional).

Processor

- 32-bit DUAL CORE XTENSA® LX6.
- Clock speed: Between 160 MHz and 240 MHz.
- 520 kB SRAM memory.
- 4 MB FLASH memory.

Case

- Dimensions: 148 x 150 x 83 mm
- Certification: NOM
- Material: ABS Polymer
- Protection: IP66
- Storage Temperature: -20 ~ 80 °C
- Operating Humidity: 5 ~ 90% HR

Optional Connectivity

- Model T-PL-WS:
 - Sigfox : RCZ2 902 MHz
 - Sigfox : RCZ4 920 MHz
 - Sigfox : RCZ1 868 MHz
- Model T-PL-WF:
 - Wi-Fi: 2.4 GHz b/g/n
- Model T-PL-CN:
 - GSM: 3 G - 3.5 G (Multicarrier)
- Model T-PL-LW:
 - LoraWan 868 MHz
 - LoraWan 915 MHz

Output Voltages

- 5 VDC - 500 mA.
- 24 VDC - 80 mA.



Inputs and Protocols

- 3 digital inputs (5 VDC ~ 30 VDC).
 - Optically isolated inputs.
 - Isolation voltage 3750 mV.
 - Input resistance 10 k Ohm.
 - Logic voltage levels: Low level (0 V ~ 4.5 V), High level (5.0 V ~ 30 V).
 - Configuration and visualization by wifi interface.
- Screwless Pressure Clamp Connectors (16 ~ 26 AWG).
- 2 gland connectors (M16 IP66).
 - 1 Gland for voltage supply.
 - 1 Gland for Signals.
- Straight SMA female connector (antenna).

Indicator LED'S

- 1 Power LED (PWR) - Green.
- 1 Start / Operation LED (RUN) - Red.
- 1 Communication LED (COM) - Red.
- 1 WiFi LED (WIFI) - Red.
- 3 digital pulse input LEDs (IN1, IN2, IN3) - Yellow.
- 1 Voltage Supply LED (AC) - Red.

TITAN | T-PL-WS with digital pulse signal inputs, it is a specialized device for wireless monitoring of variables such as:

- Revolutions per minute (RPM)
- Pulses / rhythms in production.
- Flow / Consumption of Water, Gas, Electricity, among others.
- Detection of switching off or on of motors, actuators (change of status ON / OFF)
- Among others, it is compatible with digital pulse signals.