

# Technical Datasheet

## WIFI DATALOGGER PLX 100 WM



# WIFI DATALOGGER PLX 100 WM

The highlights of PLX 100 WM Connect include wireless connection, high autonomy, and flexibility for different types of sensors. The value addition is completed by the large display, portability, and simple installation. Mobile device configuration and data downloading are also possible.

Temperature and humidity are accurately recorded by the WiFi data loggers at customizable intervals, and the measurement values are sent directly via wireless LAN to the Polwax Cloud.



## Features

- Large-scale facility monitoring with the current Wi-Fi infrastructure
- Downloading data through USB
- Wi-Fi data communication
- 3.5" Touch Screen Display
- High speed Sampling
- Easy to Use

### Security Features

The configuration of the recorder and the integrity of the stored data are protected by a number of technical and physical security measures found in the PLX 100 WM. These features ensure that the PLX 100 WM complies with the requirements of 21 CFR Part 11.

- There is a door lock option.
- When the recorder is locked, the configuration can be password-protected to prevent unauthorised access to the SD card. Up to 12 users may be configured, each with unique access levels and passwords.
- To adhere to regulatory body norms, a recorder's internal security switch can be used to lock the configuration mode.
- All process data preserved to the SD card is always guaranteed to be secure. Then, this switch can be sealed to offer palpable evidence of the reliability

### Configuration and data downloading CLOUD PORTALS

Application straight to cloud gateways, such as Polwax Cloud This platform is IoT-ready. enables storing and presenting factors such as temperature, pressure, humidity of any kind monitored, varying, and by PLX 100 WMConnect taken down.

1





**PÖLWAX**  
**PAPERLESS DATALOGGER**  
**PLX1600UM**

WiFi GSM Ethernet USB RS 485 Printer

**SETTINGS**

LOGGING INTERVAL REAL TIME CLOCK E-MAIL/SMS  
 CHANNEL INPUT PASSWORD IP ADDRESS  
 COPY DATA PRINT DATA

HOME CLEAR MEMORY

**LIVE READINGS**

CHANNEL 01  
 CHANNEL 02

MENU Next Total Logs

**LIVE READINGS**

CHANNEL 01 CHANNEL 02  
 CHANNEL 03 CHANNEL 04

MENU Next Total Logs

**SET CHANNEL PARAMETERS**

SELECT CHANNEL: CHANNEL-01 DECIMAL  
 SELECT INPUT: OFFSET  
 SET ALARM: LOW HIGH  
 SET RANGE: LOW HIGH

HOME SAVE

**SET LOGGING INTERVAL**

HOURS  
 MINUTES  
 SECONDS

BACK CANCEL SAVE

## Technical Details

<b>Channels</b>	1 / 2 / 4
<b>Inputs</b>	Universal / RTD pt100 / Thermocouple / 4-20mA / 0-10V / Customize
<b>Display</b>	3.5" Color Touch Screen
<b>Ethernet Communications</b>	Webserver / FTP / email / Modbus TCP
<b>Password Protection</b>	Access to conguration is allowed only after the user has entered a password
<b>Language</b>	English
<b>Display Color</b>	TFT
<b>Filename</b>	Name tag, prexed with date/time
<b>Thermocouple Types</b>	B, E, J, K, L, N, R, S, T
<b>Resistance Thermometer</b>	Pt100
<b>Digital Filter</b>	Programmable 0 to 60s
<b>Mounting</b>	Field / Panel
<b>Display Type</b>	Color
<b>Communications</b>	Ethernet / RS485 Modbus / 2x Digital / Wi-Fi / GSM
<b>Power Supply</b>	24V DC ( Adaptor)
<b>Operating Temperature</b>	-10 to 50 °C
<b>Storage Temperature</b>	-40 to +70 °C
<b>Data Monitoring Software</b>	POLWAX_View10.4 (Suitable for Win10 / Win10Pro)
<b>Report Format</b>	.PDF / .csv / .xlsx
<b>Cloud Dashboard</b>	Webbase*

\* Suitable for any third party Sensors / Transmitters



POLWAX Group has got an experienced, highly-qualified project team conducting extensive R&D operations. Owing to that, goods holding the POLWAX brand feature customer-tailored flexibility and meet requirements of various industries.

### **Polwax International Co.**

A12/45, Sector-2, Bharti Vidyapeeth Marg,  
CBD Belapur, Navi Mumbai - 400615  
Maharashtra, India.  
Phone : +91 88579 90231  
Email : info@polwax.in

