



IOT EMBEDDED BOARD PLC ENVIRONMENT

Applications

- Smart Factory Monitoring
- Remote Machine Control
- Inventory Management
- Industrial Automation

Experience unparalleled efficiency and integration with our cutting-edge embedded board. designed IoT specifically for PLC environments. This board features isolated 24V inputs and outputs compatible with both sourcing and sinking types (NPN/PNP), ensuring seamless connectivity with diverse industrial equipment. Engineered for reliability, flexibility, and future-ready connectivity, it's the perfect upgrade for vour industrial automation needs. Elevate your PLC systems with this powerful, compact solution.

Key Features

- 4 Isolated Inputs (24 V)
- 4 Isolated Outputs (24 V)
- Max. 24v Power Supply (I/O Side)
- 3.7v 1000mAH Battery Operated
- Wi-Fi
- \cdot Bluetooth
- Battery Charging
- I²C
- UART

Dimensions

- Dimension: 74 mm x 100 mm
- Board Thickness: 1.6mm
- PCB Layer: 4



- Core : ESP32-DOWD
- SPI flash : 32 Mbits
- Crystal : 40 MHz

TEXSONICS SYSTEM INDIA PVT LTD

1/6-1, Keerakara Thottam, Keeranatham, Coimbatore 641035 94426 24304 | 94888 34703 | texsonics@yahoo.com www.texsonics.com



Stav Ahead

PRODUCT INNOVATION CENTRE BANNARI AMMAN INSTITUTE OF TECHNOLOGY An Autonomous Institution Affiliated to Anna University - Chennai · Approved by AICTE · Accredited by NAAC with 'A+' Grade

SATHYAMANGALAM - 638401 ERODE DISTRICT TAMILNADU INDIA Ph: 04295 226690 / +91 99429 99966 Email: picoffice@bitsathy.ac.in Web: www.bitsathy.ac.in