

BZ- IOT- EM

INTEGRATED IOT ENERGY METER



Key Highlights

- Monitor the energy meter parameters from your mobile phone or web portal
- Dashboards for Condition/Event/ Status monitoring and reports
- Alerts delivered by email, SMS and Android notifications
- Wireless Communication with WiFi and Cellular variants
- Dual SIM option for cellular variant for fail-over connectivity
- Easy setup and configuration

Product Description

BZ- IOT SMART Energy Meter is a rugged, industrial strength IOT system that is pre-packaged with industry's best energy meters. It is an innovative integration of IOT Smart Connect Module (SCM) technology and the reliability of branded energy meters.

BZ- IOT- Smart Meter is a key component of our BZ-SMART IOT platform. It instantly connects to the BZ-IOT Gateway Controller system with edge appliance for real time monitoring and control. It can be connected to the local server or BZ-Cloud.

BZ Cloud simultaneously monitors data from the energy meters and keeps you updated of current energy consumption levels and other events. You can easily setup alert levels and mode of alert notification. You can also use the analytics tools to visualize the data for deeper insights. Reports can be set up to automatically generate periodic status information.

No more worries about penalties due to exceeding maximum demand or harmonics distortion. You get timely alerts right in your phone so that you can take action and ensure you meet regulatory norms at all times.

PRODUCT	BRIEF DESCRIPTION
BZ-IOT-EM-1	SMART IOT Single Phase Meter
BZ-IOT-EM-3	SMART IOT Three Phase Meter
BZ-IOT-EM-INT	Integrated IOT Energy Meter. Mix of IOT SCM with branded model.





BZ-IOT-EM

Product Specifications

Configuration

Part Numbers and Variants BZ-IOT-EM, BZ-IOT-EM-INT

Communication

WI-FI WI-FI-802.11b/g/n

Cellular

3G/4G options

Radio

Antenna Type External

Cloud Sync Frequency 1 minute to 60 minutes configurable

Dual SIM Optional

Interface

Meter Integration Rs-485 MODBUS RTU

Infrastructure Management

Mounting Wall Mount (standard), Panel Mount(optional)

Electrical & Physical Specification

Input Voltage 110~240 VAC

Environment Specification

Enclosure Type Indoor(IP50 equivalent)

Operating Temperature 0°C to 65°C

Edge Appliance

Data Log Storage 16 MB

Dimension

148 x 107 x 215 mm

