

Industrial IoT Gateway

Parameters:

Temperature, Humidity, Energy Meter,
HVAC, Door Open/Close, Etc.,

Model
IBI-AGW



 HVAC Monitoring & Controlling



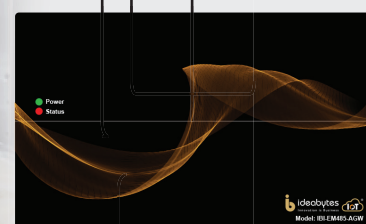
 Door Open/Close Monitoring



 Energy Monitoring



 Temperature & Humidity Monitoring



Specifications

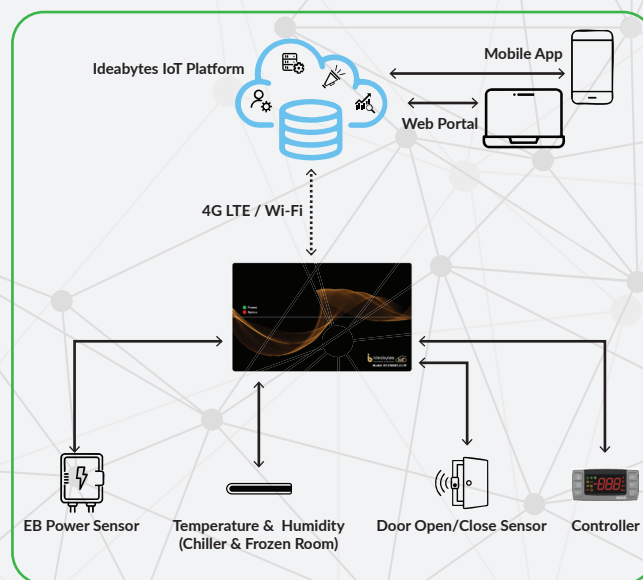
Models

IBIoT-AGW100 | IBIoT-AGW200 | IBIoT-AGW300

Architecture	ARM (Rockchip® RK3568, Quad-Core Cortex-A55, up to 2.0GHz)
Memory (DDR)	Onboard LPDDR4, 2GB (Optional: 4GB / 8GB)
Storage (eMMC)	8GB (Optional: 32GB / 64GB / 128GB)
Operating System	Android 11 / Ubuntu 18.04
Display Output	HDMI Output (Supports up to 1920×1080 Resolution)
Power Supply Input	DC 12V / 2A, Power Consumption Max: 5W
Connectivity	Wi-Fi (802.11 b/g/n, WiFi 6) Bluetooth 4.2 Ethernet: 1x 100M RJ-45 Cellular 4G (Optional)
I/O Interfaces	Serial Ports: RS-232, RS-485 USB: 1x USB 2.0, 1x USB 3.0 (optional) OTG (for debugging) GPIO: 6 Digital Inputs, 2 Analog Inputs, 1 Digital Output Audio

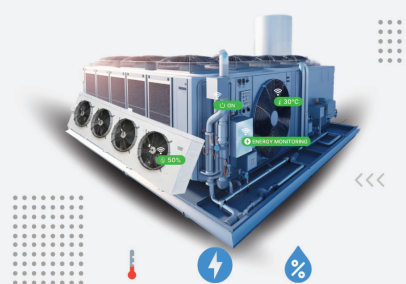
Software Features

- Different Views (Dashboard / Map / List), Analytics, Device Management, User Management, Alerts Management
- Remote Controlling
- Custom Reports PDF, CSV
- MKT Value, Audit Trail, Alarm Log, Trend Graphs
- Alerts, Push Notifications & SMS (Optional)
- Web & Mobile Apps (iOS & Android)



Application:

Dark stores, Retail stores, Cold storages, Clean Room, Warehouse and other places where Temperature sensitive goods are stored.



DarkStore / Warehouse Monitoring

- Energy Consumption Monitoring
- Predictive Maintenance
- Remote Monitoring
- Customizable Alerts by Priority
- Cloud-Based Data Storage
- Mobile App Accessibility
- Audit Trail for Compliance

Monitor & Control HVAC System Remotely

- Monitor HVAC system parameters
- Control HVAC Parameters (Setpoint, DeFrost Time, etc) remotely
- Remote HVAC diagnostics
- Alerts / Faults If Parameters are in Critical Range
- Predictive Maintenance
- Multi-location management
- Historical data analytics for insights

