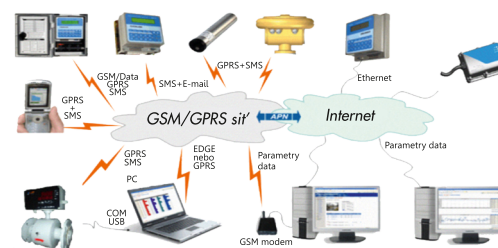


ONLINE MONITORING SYSTEM

MODEL NO: KBN - 401

CONNECTING THE WORLD WITH DMS IoT SUITE

KBN-401 is a Quad-band intelligent GPRS IoT gateway suitable for remote monitoring and automation. KBN ST-401 has the capability of integrating seamlessly with almost every sensor globally where it periodically collects the data from sensors & communicates with cloud in real time. It is completely customizable where we can add peripheral add-ons, enabling it to cater to the most complex requirements. It is very simple to install, just plug & play and let the ST-401 do all the magic.



Application Areas

- » Energy Meter Monitoring
- » PLC Monitoring
- » Air Quality Monitoring
- » AC & HVAC Control
- » Water Flow Monitoring
- » Temperature & Humidity Monitoring
- » Pump & Valve Control
- » Level Monitoring

Key Benefits

- » Real Time Data Visibility
- » Reduced Operational Downtime
- » Forecasting & Predictive Maintenance
- » Transmission & Distribution Loss
- » Improved Operational Efficiencies
- » Insight Driven Decision
- » Real Time Alerts
- » Plug & Play

Specifications

Communication	Quad-band: GSM850, EGSM900, DCS1800, PCS1900 Compliant to GSM Phase 2/2+ GPRS multi-slot class 12 GPRS mobile station class
Processor	Primary Core: Arm Cortex Secondary Core: AVR GPS GPS+GLONASS Acquisition: -149dBm Reacquisition: -161dBm Tracking: -167dBm
LED Indicators	BLUE LED for Power Green LED for Connection with IO Sense Servers Red LED for Successful Communication
Analog Compatibility	4-20 mA / ADC / Resistance measurement / Pulse
Digital Compatibility	UART, MODBUS (RS-485 / RS-232), DLMS, I2C, SPI
Enclosure	ABS Mould Injected Enclosure Complies to IP-67
Mounting	Wall Mounting / Chassis Mountable / Table Top
Temperature	Operating: -20°C to 60°C, Storage: -25°C to 70°C
Humidity	100% RH
Dimensions	115 x 65 x 42 mm
Weight	250 gm
Accessories	-2 dBi SMA Antenna
Operating Voltage	12 V, 2A
SD Card	Yes

Note: We pursue a policy of continuous research and product development. Specifications and features are subject to change