Simple System, Powerful Features, Easy to Deploy

INTRODUCTION
Monitoring and control system today requires real-time performance, remote access and use of mobile technology for anywhere, anytime fault and alarm notifications. Crucial factors for an effective and timely management of equipment, facilities or services.

REX (Remote EXchange Controller) is engineered to do all that and more. It can integrate with any third party sensor and equipment via dry contact or 4-20mA interface. REX is easy to use yet it is packed with powerful features to meet a wide range of industrial and commercial applications.

APPLICATIONS
Data Centre  
Manufacturing Process  
Telecommunication  
Fire and Security  
Energy Efficient & Power Management  
Environmental  
M&E Facility Management

FEATURES
STAND ALONE - FULL FUNCTIONALITY HOUSED IN ONE SMALL AND ROBUST CHASSIS.
USER FRIENDLY HTML INTERFACE USING ANY WEB BROWSER
8 DIGITAL INPUT, 2 DIGITAL OUTPUT & 2 ANALOG INPUT
I/O EXPANSION VIA MODBUS COMMUNICATION
ALERT NOTIFICATION VIA SMS AND EMAIL
REMOTE ON/OFF VIA LOGIC EXPRESSION AND SMS COMMAND.
EVENT LOG, FIFO EVENT RECORDING (XML / CSV FORMAT)
**BENEFITS**

- EASY TO INSTALL
- LOW MAINTENANCE
- LOW COST OF OWNERSHIP
- 24 X 7 OPERATION
- DEDICATED STANDALONE OPERATION
- NO EXTERNAL PC OR EXTERNAL APPLICATION SOFTWARE
- OPEN STANDARDS PROTOCOL, EASY FOR EXTERNAL APPLICATION INTERFACE

**TECHNICAL SPECIFICATION**

- **Operating Voltage**: 12-24 VDC, 5W
- **Digital Input**: 8 digital inputs, volt free/dry contact
- **Digital Output**: 2 relay outputs, contact rated
  - 24VDC 1A max
- **Analog Input**: 2 analog inputs, 4-20mA
- **Communication Port**: 1x Ethernet 10/100Mbps
  - 1x RS 485 Modbus Port
- **Network Protocol**: TCP (Transmission Control Protocol)
  - IP (Internet Protocol)
  - HTTP (Hyper Text Transfer Protocol)
  - Modbus (Master Only)
- **GSM Modem**: HSPA+ 900/2100 MHz
  - GSM / GPRS / EDGE
  - 850/900/1800/1900 MHz
- **Humidity**: 0-90% non condensing
- **Temperature**: 0-55 degree Celsius
- **Weight**: 140g
- **Size**: 100 x 107 x 23 mm

**PHYSICAL LAYOUT**

![Physical Layout Diagram](image-url)