



Micro Systems & Controls

Your automation solution partner

MEASURE . MONITOR . CONTROL



INDUSTRIAL GSM-RTU
MODEL: RTU-9024

TECHNICAL SPECIFICATION OF INDUSTRIAL GSM-RTU
Model: RTU-9024

Sl. No.	Parameter	Specification
01	No. of Channels <ul style="list-style-type: none"> • Analog Input (4-20mA) • Digital Input (NO/NC)/(0-1KHz Polarized Pulse) Optically isolated • Digital Output (Relay Based Open Collector) Optically isolated with fault protection. 	<ul style="list-style-type: none"> • 8 nos. • 8 nos. (configurable) • 8 nos.
02	Electrical Connection (Power Supply)	24V DC
03	Realtime Clockwith Battery Backup	For Data Logging and Process Purpose-SOS intimation
04	Totalizer	4 nos.(Configurable with available AI/DI with preference to AI)
05	Totalizer rate & unit	Flow rate: /sec, /min, /hr, (programmable) Units: cubic-meter, liter, gallon, etc. (programmable)
06	Modbus Register	16 nos.(Configurable) and for all channels
07	Communication Protocol	FTP transmit-receive based on TCP/IP (2 way communication), Modbus GPRS
08	Communication Port	1. Ethernet with Modbus TCP/IP . 2. RS485 (Optically isolated) with Modbus RTU .
09	Channel Status	8 nos. DI and 8 nos. AI LED ndication on board
10	SMS alert	Power Cut-off, Communication loss over GPRS
11	Software	Windows based configuration software.
12	Programming	Remotely through GPRS network/ Locally through Programming cable
13	Time Control	Clock and Calender based
14	Data Logging	Data will be logged inside file according to RTU's name/nodes. Data file format will be .csv transfered via FTP to your server.
15	Display	2 Line Alpha-numeric LCD display
16	Keyboard	0-9 keys, CLR, ENT and 4 nos. Navigation keys
17	Enclosure Protection	IP65 enclosure



MICRO SYSTEMS & CONTROLS
140A, Santoshpur Avenue,
Kolkata – 700075, West Bengal, India
Website : www.mscontrols.com

Phone : +91-33-24163135/8933
Fax : +91-33-24163135/8933
Email : sales@mscontrols.com
An ISO 9001:2008 Certified Company