SEAMLESS DATA TRANSFER USER MANUAL



Specification

Power input	: 120VAC to 260VAC 50Hz
RLT Flow Meter Interface	: RS485, Shielded Twisted Pair
Modem Frequency	: 900 Mhz/1800Mhz
Modem GPRS Class	: Multi Class 12
Modem TX Power	: 2W @ GSM 1900, 1W @DCS 1800
Operating Temperature	: -30DegC to 70DegC
Storage Temperature	: -40DegC to 85DegC
Dimension	: Panel Mounting L186xH92xD190

1.0 Normal Menu

S No	Description	Function
1	SET Key	Nil
2	INC Key	Nil
3	DEC Key	Nil

LCD Display

S No	Display	Function	Description
1	S90 ID00001 1m	Actual Value	S90 – Last Connection GSM Signal
		Display	Strength
			ID00001 – Instrument Serial No/ID for data
			Export to WEB
			1m – Elapsed Minutes Transmission
			Interval
2	TOT-000000000m3	- Do -	Totalizer value read from Flow meter
			RS485 Interface

LED INDICATION

S No	Display	Function	Description
1	TX	RS485	SDTS RS485 Transmission
			Flow Meter RS485 Reception
2	RX	RS485	SDTS RS485 Reception
			Flow Meter RS485 Transmission
3	Network	GSM	GSM Network Status
			Power UP During Transmission
			On time=off time = No Network
			On time< <off ok<="" td="" time="Network"></off>

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2.0 Setting Menu While Pressing SET key Power up Instrument, Instrument Enters into Setting Menu

S No	Description	Function
1	SET Key	Shift Next Digit, Store Setting, Configure Modem
2	INC Key	Value Increment
3	DEC Key	Value Decrement

LCD Display

S No	Display	Function	Description
1	00 APN	Access Point Name	00 - Airtel
			01 – IDEA
			02 – Reliance 1
			03 – Reliance 2
			04 – Tata Docomo
			05 – VODAPHONE
			06 – BSNL
			07 – BSNL South
			XX – Airtel
2	00001 ID	Inst Serial Number	00001 to 99999, Server Export ID
3	0001 MIN	Data Upload Interval	0001 to 9999 Minutes
4	11111111	Display Check	111 to 999 Auto scroll
5	Modem con	GSM Modem Config	Modem Auto test
			NO SIM – Check SIM Holder
			NO Network – Activate SIM for GPRS
			connection.

3. FAQ

S No	Issue	Solutions		
1	Totalizer $= 0$	a. Check Flow meter Totalizer		
		b. Check TX LED Function		
		c. Check RX LED Function		
		d. Check MODBUS Setting in Flow meter		
		MODBUS $ID = 1$		
		MODBUS RTU		
		Baud rate=9600		
		Data bits=8		
		Stop bit = 1		
		No Parity		
		e. Check continuity RS485 connection wiring		
		from Flowmeter		
2	NO SIM	Check SIM Position		
3	NO Network	Activate SIM. Check Browsing on any mobile Phone		
		with this SIM		
4	ERROR during server	Enable SIM for 2G data connection		
	connect.			
5	Server connect OK, But No	Check 2G data connection balance and Recharge.		
	data log in WEB			
6	After IP address Display,	Check 2G data connection balance and Recharge.		
	No SENDOK message.			
	Instead ERROR Display.			
7	No IP address Display.	Select correct APN for the service Provider. Check		
		Browsing on any mobile Phone with this SIM		

Installing New SIM

Step 1: Remove Instrument Top Cover





Step 2 Locate SIM Holder at the right Side of the Instrument

Press Eject Knob With a Nail, Don't use Screw Driver.



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Insert in Holder



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WATER METER - ADDING USER IN WEB

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Login	– Type required login ID
Password	– Type required password
Customer Name	– Display in the TOP of user page and in excel report
Serial No	– First 2 Digit of 5 Digit serial No/ID in the field instrument (SDTS-1)

ADDING INSTRUMENTS IN USER



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Instrument Serial No: Enter Last 3 digit of the Field Instrument Serial no/ID (SDTS-1) Enter Tag Name: Type in required Name for the field Instrument (SDTS-1)