

# SPECIFICATION

## MONITA RTU (REMOTE TERMINAL UNIT)



Technical Specification		Unit	Min	Max	Typical
<b>INPUT</b>	<b>6 Channel Analog Input</b>				
	<ul style="list-style-type: none"> <li>• Current Mode</li> <li>• Voltage Mode</li> <li>• Withstand Voltage Input*</li> <li>• Resolution</li> </ul>	mA Vdc Vrms Bit	4 0 - -	- - 3750 16	- - - -
<b>Communication Port</b>	<b>2 Port RS-485 (Modbus)</b>				
	<b>Master</b> <ul style="list-style-type: none"> <li>• Baudrate</li> <li>• Cable Length</li> <li>• Max Device</li> <li>• Protocol Version</li> </ul> <b>Slave</b> <ul style="list-style-type: none"> <li>• Baudrate</li> <li>• Cable Length</li> <li>• Protocol Version</li> </ul> <b>Ethernet</b> <ul style="list-style-type: none"> <li>• 10/100MBps Ethernet Port</li> </ul>	bps ft N - bps ft - - - -	- - - - - - - - -	- 4000 32 - - 4000 - - - -	9600-N-8-1 - - Modbus RTU 9600-N-8-1 - Modbus RTU - -
<b>Cellular Network</b>	<b>Slot 1 &amp; Slot 2 GSM/GPRS</b>				
(Dual SIM, Single ON)	<ul style="list-style-type: none"> <li>• Band</li> <li>• GPRS Slot</li> <li>• GPRS Mobile Station</li> <li>• SIM</li> <li>• GPRS Class 12</li> <li>• Protocol</li> <li>• GSM</li> <li>• Data Transfer Interval</li> <li>• Antena Connector</li> </ul>	MHz - - - - - - - Second -	- - - - - - - - 5 -	- - - - - - - - 3600 -	850/900/1800/1900 12, 1~12 configurable Class B Dual SIM 3V/1.8V (MicroSIM) Max. 85.6 kbps (uplink & downlink) HTTP SMS Text and PDU Mode 10 PCB SMA Connector

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Memory Card	Single Slot SD Card				
	<ul style="list-style-type: none"> <li>Type</li> <li>Capacity</li> <li>Transfer Speed</li> <li>Data Log Interval</li> </ul>	- GB MB/s Minute	- - - -	- Up to 16 - -	- 16 50 1
General	RTU Module				
	<ul style="list-style-type: none"> <li>Working Temperature</li> <li>Power Supply</li> <li>CPU</li> <li>Power Consumption (at Vcc=24Vdc)</li> <li>Current Consumption (at Vcc=24Vdc)</li> <li>Dimension</li> <li>Status LED</li> <li>RTC Battery</li> <li>Protection</li> <li>Configurator Software</li> </ul>	°C Vdc - Watts mA mm  - V - -	-30 9 - 2.4 100 - - - - -	+70 30 - 7.2 300 - - - - -	+25 24 ARM 7 @60MHZ 6.72 (GPRS Active) 5.28 (GPRS Inactive) 280 (GPRS Active) 220 (GPRS Inactive) Length=200mm Width=84mm Height=20mm 1 LED Modem Status 1 LED Network Status 3V (CR2032) IP-20 Sarasvati v1.0



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