

## RFO RU500 (Autonomous remote unit for water management systems)

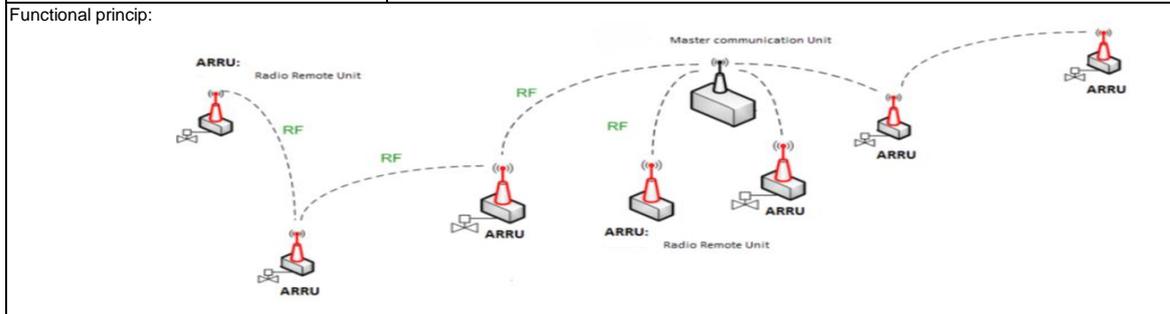


<b>Product name</b>	<b>RFO RU500</b>
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<b>General Specifications</b>	
The RFO RU500 allows connection to Remote Units in places with orographic difficulties, out of the network of meshed communication irrigation area.	
<ol style="list-style-type: none"> <li>1. Monitoring of internal and supply parameters, temperature, etc.</li> <li>2. Alarms associated with monitoring internal parameters.</li> <li>3. Spontaneous Alarm System with retries.</li> <li>4. Reading and Storage Alarms.</li> <li>5. Reading and Event Storage.</li> <li>6. Update Firmware remotely.</li> </ol>	

<b>Possible installation scenarios</b>	
Metal mast 6 meters: It will be anchored to the chest or fire hydrant through clamps and will be the guide for wiring from the RF module batteries and sensors.	
Kit ABS material for housing the electronics remote. It is used as RF envelope.	
Support Plate Solar: Solar panels 5W or 3W.	
Battery Pack: Can be used for certain battery models rechargeable or lithium	
Envelope: This waterproof case is charged and the battery case necessary extensions to the remote communications conform to the configuration of the caskets.	

<b>Technical Specifications</b>	
Operation Temperature	-30°C to 75°C
Flash Memory	4 Mbit
Operation voltage	10.5 - 15.5 Vdc
Current	500 mA
Communication	Serial Communication (Control Nodes).
	Radio Frequency ISM band (868 Mhz or 915 MHz 500 mW) <b>at no additional costs!</b>
	LIN (Local Interconnect Network) optional.
Cerifications	<ul style="list-style-type: none"> <li>· Directive 99/05 / EC</li> <li>· IP55 protection according to UNE 20324: 1993</li> <li>· Test Dry Heat IEC 68-2-2 (2007). Severity: 55 ° C / 16 hours</li> <li>· Test IEC 60068-2-1 according Cold (2007) .Severidad: -10 ° C / 16 hours</li> <li>· Continuous Damp Heat Test IEC 60068-2-78 as(2001) .Severity: 40C / 93% RH for 4 days.</li> </ul>
Solar panel type	Solar panel 5W Solar panel 3W
Lithium battery type	14,4 V, 19000mA
Rechargeable battery type	12V 7,2 Ah ; 12V 2,2 Ah ; 12V 1,2 Ah



<b>Articel No:</b>	<b>RFO RU500</b>
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<b>Typical Applications:</b>	
Water management agriculture	Big Parks & Gardens
Water management industrial applications	Remote animal grazing
Purifying plants	Also useful for any other application with control of liquides
Greenhouse	
Golf areas	

