

# WATER MONITORING SOLUTIONS



*Data telemetry Unit*

## DTU 2



- GPRS / 3G data transmission
- HydrINS compatible
- Remote velocity, flow and pressure
- 5 year battery life
- Waterproof - IP68
- Evolutive product

# HYDREKA

[www.hydreka.com](http://www.hydreka.com)

A HALMA COMPANY

## Applications

The DTU 2 is a 3G Data Transmission Unit for the HydrINS 2 insertion flowmeter, communicating the following data:

- Velocity,
- Flow,
- Pressure,
- Alarms.



## Technical specifications

<b>Dimensions</b>		250 x 207 x 67mm
<b>Weight</b>		1.6kg
<b>Power supply</b>	<b>Internal</b>	2 packs of 7.2V @13Ah. Autonomy: 5 years for 15 minute time-step measurements and 1 transfer per day
	<b>External</b>	Isolated 9-28 VDC
<b>Inputs</b>	<b>Flow</b>	Connection to a HydrINS flowmeter
	<b>Pressure</b>	Connection to an external pressure sensor (mV)
<b>Outputs</b>	<b>Computer</b>	Serial RS232
<b>Alarms</b>		Empty pipe, sensor failure, connection failure, low battery, flow out of band, power failure
<b>Software</b>		<ul style="list-style-type: none"> <li>○ Winfluid</li> <li>○ Interfaced with Topkapi supervisor</li> </ul>
<b>Data logging</b>	<b>Data recovery</b>	Local or GPRS/3G communication
	<b>Memory</b>	Non-volatile memory, roll-over or stopped mode programmable, capacity of 48000 data points (1 input channel) or 24000 data points per input (2 input channels available)
	<b>Start time</b>	Delayed start mode available
	<b>Logging interval</b>	Time-step: from 30 seconds to 24 hours
<b>Firmware update</b>		<ul style="list-style-type: none"> <li>○ By RS232 communication</li> <li>○ By GPRS/3G communication</li> </ul>
<b>Clock update</b>		Automatic
<b>IP Rating</b>		IP68 under 2m over 72h
<b>Material</b>		Aluminium
<b>Operating temperature</b>		From -20 to +70°C
<b>Warranty</b>		24 months

Products available for sales and rental. Please contact us for more information.