



# Dialog3G™ Universal Unit

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The Dialog3G™ Universal unit enables external connection to a variety of meters types. Meters with a suitable electrical pulse output can easily be integrated into the Dialog3G™ metering management system.

The Dialog3G™ Universal unit is suited for different input connection types such as the "Single switch type", where up to four independent meters can be connected to one 3G Universal unit. Each input has its own reading/programming parameters. "Single input type" for PD meters with a 3 wire pulse output, or serial communication for individual multiphase electricity meters. Controlled I/O Universal unit for MagneLatch type Valves.



## Technical Specifications

Description	Dialog 3G™ Universal unit			
Input Connection Options	Dry contact reed switch, Open collector transistor or optocoupler switch, 2-wire, 3-wire or 4-20mA			
Input Specification	Maximum Input cable length - 12 meters			
Box Size	105mm x 80mm x 40mm			
Weight	~ 380 grams			
Power Supply	3.6 Volts, Internal lithium battery			
Operational Life	10 years with standard profile			
Sensitivity	-90dBm			
RF Receive Bitrate	DS mode: 41.156kbps WB / NB mode: 19.82kbps			
RF Transmit Bitrate	DS mode: 60.3625kbps WB / NB mode: 59.454kbps			
Universal Markets	US	North America, Central America, Latin America	9XXMHz	FSK / PSK
	IL	Israel	9XXMHz	FSK
	EU	Central Europe, England	868.3	FSK
	IN	India, Vietnam	866.1	FSK
	RI	Russia	868.9	FSK
	RU	Russia (Moscow)	864.5	FSK
Transmission Modulation	Direct Sequence (DS), Wide Band (WB), Narrow Band (NB)			
Installation options	Wall mount Pole/ pipe mount			
Configuration Storage	Non-volatile memory, data log for up to 4,000 records			
Environment	IP-67			
Operating Temp.	operating : -10° C to 75° C storage : -20° C to 85° C			
Reading /Programming Parameters	ID No	8 character numeric		
	Reading	9 digits, numeric, Identical to meter display		
	Type	Meter type selection: Water Meter, Gas Meter, Gas Tank, Electric Meter, Other		
	Factor	Programmable reading unit factor		
	Battery	Low battery indication		
	Leak	Leak detection indication and alarm		
	Transmission	self activation		
Magnet beacon	For ID recover			

Specifications are subject to change.

For the most updated version, please contact Arad's desk manager.