

## A740 addNODE - Technical Specifications

<b>Dimensions</b>	164 x 105 x 85 mm (6.50 x 4.13 x 3.35 inch)
<b>Weight:</b>	1130g (2.5 lb)
<b>Protection type</b>	IP-50
<b>Transmission distance</b>	max. 20km (max. 12 miles) (depending on topography)
<b>Power supply</b>	internal 6.2V NiMH battery, charged by solar panel; external supply 18 - 24VDC
<b>8 Analog inputs</b>	configurable as 0-1 / 2.5 / 5 / 10V or 0 / 4-20mA ; 13-bit resolution
<b>4 Digital inputs</b>	configurable as counter inputs with max. 10kHz Frequency input with max. 10kHz Voltage detection: Lo / Hi
<b>1 SDI-12 Bus</b>	available soon (software upgrade only)
<b>1 Analog output</b>	0 - 2.5V (RI: ~100 Ohm)
<b>4 Digital outputs</b>	0 / Vbatt resp. 0 / Vext (open Collector, with selectable pull-up (1kOhm) at external supply voltage or internal battery); or PWM Pulse Width Modulation
<b>Expansion bus</b>	for up to 3 A509 addPORT expansion boxes
<b>Memory</b>	up to 100.000 readings
<b>Connectors</b>	cage clamp, detachable, 0.5 <sup>2</sup>
<b>Mounting</b>	35mm DIN rail
<b>Operating temperature</b>	-30°C - +70°C (-20°F to 140°F)
<b>Tx Output power</b>	500mW
<b>Rx Sensitivity</b>	-120dBm
<b>Frequencies</b>	430 - 470MHz
<b>Channel Spacing</b>	12.5 / 25 kHz
<b>Approvals:</b>	R&TTE, CE, FCC, Ind.Canada