



AGX AIOHC 3030-1500ETH
(1500 mW UHF Reader/Antenna 10 cm - 10 m read range*)

Product Description	AGX AIOHC 3030-1500ETH	
<p>The AGX AIO 3030-1500ETH reader is an UHF multi protocol reader for long range applications.</p> <p>With programmable output power in 256 steps from 17dBm to 32dBm, the reader can detect tags up to 10m of distance (depending on antenna and tag dimensions).</p> <p>Due to its form factor, the module is specifically designed to be easily installed for UHF tag programming and reading.</p> <p>The integrated reader antenna enclosure presents a tailor made RFID UHF solution. The robust enclosure (IP67) has been developed for extreme conditions in all kind of environment (e.g. outdoor offshore, healthcare, extremely dirty environment).</p> <p>The professional mounting kit allows mounting in almost all positions (wall and pole) and provides adjustments of vertical and horizontal directions.</p> <p>The AGX AIO303-1500ETH comes typically with a 1500mW Reader. In conjunction with the antenna the read range (depending on tag and environment) can reach up to 8-10m*. Simple connection via Ethernet.</p>		
Characteristics (enclosure / antenna)		
Enclosure size	305 x 305 x 70 mm (max extern) 250 x 250 x 38 mm (max intern)	
Antenna size	305 x 305 mm (min) 450 x 450 mm (max)	
Mounting	Both wall and polemount	
Temperature	-55 ° to +75 °C	
Connectors	CAT 5 und N-Type (RJ45 or 9Sub-D)	
Humidity	100%	
Water tightness	IEC 529 / IP67	
Power dissipation	20W max	
Housing	Aluminium / white painted	
Weight	2,2 kg (without antenna)	
Characteristics (500mW UHF Reader)		
Operating Frequency	865.6 ÷ 867.6 MHz (ETSI EN 302 208)	
UHF Standards	ISO 18000-6B, Philips UCODE EPC 1.19, EPC C1G2	
Output Power	SW programmable Max.: 1.5 W (32 dBm) conducted	
Number of channels	4 channels compliant to ETSI EN 302 208	
Frequency tolerance	±10 ppm over the entire temperature range	
Read range	Depending on the performance of the transponder, frequency, chip type and the system environment. RadioForce HC1500ETH (50cm - 10m)	
Communication interface	TCP/IP over RJ45 (RS232 on request)	
Digital I/O	Five I/O lines 3.3 V out, 5 V tolerant (optional) via additional D9-Sub connector	
Power supply	15± 5% VDC external power supply	
Power consumption	1 A @ 15 V (TX/RX mode), - 260 mA @ 15 V (idle mode)	
Article No.:	AGX AIOHC 3030-1500ETH	
Typical Applications		
Asset & facility management	Cold chain & vehicle monitoring	
Applications with need for autonomous identification	Identification and back tracing	
Bio/Chemistry/Forensic/Pharmacy/Environment	Healthcare / Hospitals / Clinics	

Contact:

sales@agilox.com
www.agilox.com