



AGX CWR 1000
(1000 mW UHF Reader
50 cm - 10 m read range*)

Product Description		AGX CWR 1000
<p>The AGX CWR 1000 is a self-developed four-port fixed UHF RFID reader, configured with Impinj R2000 RFID chip.</p> <p>It supports RS232 and RJ45, and can be compatible with various types of antennas.</p> <p>It is resistant to electromagnetic interference and good at heat dispersion.</p> <p>With high integration level and stable capacity, the RFID reader can be deployed in complex environments, such as warehousing, archives and library management, banking, shoes and apparel, jewelry, watch, laundry, production line, medical equipment cabinets, vending machine and many more.</p> <p>With its small dimensions the AGX CWR1000 is one of the smallest reader in the market with all needed functions.</p>		
Electrical Characteristics		
Operating Frequency	865-868MHz/920-925MHz/902-928MHz	
UHF Standards	ISO 18000-6B, Philips UCODE EPC 1.19, EPC C1G2	
Output Power	1W (30dBm, support +5~+30dBm adjustable) 2W Optional (33dBm, for Lati America, etc.)	
Number of channels	4 channel 50Ω SMA por	
Output Power Precision	+/- 1dB	
Output Power Flatness	+/- 0.2dB	
Receive Sensitivity	< -88dBm	
Reading Rate	>700 tags/s	
Input Voltage	DC 9V – 12V	
Power consumption	800mA +/-5% @ DC 12V Input	
Operational temperatur	from -25 °C to 65 °C	
Communication Interface	RS-232 / RJ45	
Protection class	IP54	
Antennea connector	4 x SMA connector / 50 Ohm, 1 SMA for LBT (Listen Before Talk)	
GPIO	2 channel input optical coupling, 1 channel output electric relay, 1 channel output optical coupling (in reserve)	
Material	Aluminium alloy	
Dimensions	102.8mm(L) x 102.8mm(W) x 28mm(H)	
Weight	329g/11.6oz (without antenna)	
Article No.:		AGX CWR 1000
Typical Applications		
harsh environment applications	Sport events	
automotive industry and laboratory	identification and back tracing	
bio/chemistry/forensic/pharmacy/environment	beverages logistics	

Contact:

sales@agilox.com
www.agilox.com