

DATA SHEET



AGX CW6 UHF 1D/2D & RFID Reader

Product Description

Main Features

The AGX CW6 UHF features powerful UHF reading and writing (Impinj R2000 chip), and barcode scanning with high sensitivity. You can attach your mobile phone to the AGX CW6 UHF Reader for a complete one-piece solution. Just convert your mobile phone in the most powerful Barcode scanner and RFID UHF Reader. The device can be widely deployed in clothing inventory, warehouse management, vehicle management, financial management and so forth.

Product pictures



Article no:	Standard	AGX CW6 UHF
Typical Applications		
<ul style="list-style-type: none"> •Manufacturing •Security •Waste management •Logistics 	<ul style="list-style-type: none"> •Health Care •Asset management •Food •Transportation 	<ul style="list-style-type: none"> •Service Maintenance & Diagnostics •Automotive •Retail & POS •Home Automation

Contact:

sales@agilox.com
www.agilox.com

Technical Specifications	AGX CW6 UHF
---------------------------------	--------------------

Platform	
MCU	Cortex-M3 72MHz
Buzzer	Supported
Interface	USB3.0 Type-C
Physical Characteristics	
Dimensions	143x76x140mm / 5.63x2.99x5.51in
Weight	Sled Reader: 483g/17.04oz Sled Reader with Mobile Case: 453g/15.98oz Sled Reader with Customized Holder: 500g/17.64oz
Power	Battery specification:5200mAh Standby: over 70 hours (keeping bluetooth connected) Continuous use: up to 6 hours (UHF reading) Charging time: 3-4 hours (with standard adaptor and USB cable)
Indicator LED	Power, Work, Bluetooth
Scanning	
1D Symbologies	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS,etc.
2D Imager	SE2707: PDF417, MicroPDF417, Composite, RSS, TLC- 39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX), etc.
Camera (optional)	13.0M pixel auto focus camera with LED flash
Communications	USB Micro-B
UHF Reader	
Frequency	865 - 955MHz : ISO 18000-6C, EPC Class1 Gen2
Engine	CM2000-1 module based on Impinj Indy R2000
Antenna	Circular Polarized Antenna (3dBic)
Power	1W (30dBm, support +5~+30dBm adjustable) 2W Optional (33dBm, for Lati America, etc.)
R/W ranges	>22m(indoors);>8m(open outdoors)
Reading rate	>200tags/s
Communications	
WPAN	Bluetooth 4.0, BLE
Options	
Size of adapted phone	Sled Reader: Width 68~80 mm, thickness ≤ 22 mm Others: Based on phone case or holder
Accessories	
	USB Cable AC Adapter (CN,EU, UK, US)
Environment	
Operating Temperature	-4oF to 122oF / -20oC to 50oC
Storage Temperature	-40oF to 158oF / -40oC to 70oC
Humidity	5% - 95% non-condencing
Approvals	CE, RoHs, KTL Drop Test 1.5m



AGX-CW6
Standard with
Phone attached



Contact:

sales@agilox.com
www.agilox.com