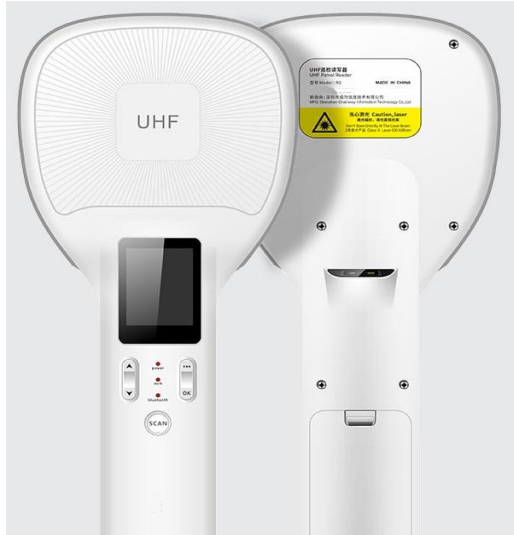


# DATA SHEET



## AGX CW2 UHF 1D/2D & RFID Reader

### Product Description

#### Main Features

The AGX CW2 UHF is a newly-developed handheld data collection device with stylish design and incredible performance. It delivers superior UHF reading and writing (Impinj R2000 chip), barcode scanning, transmits data to the data center via Bluetooth with ease. It can complete tasks in inventory management, asset management, and inspection etc.

#### Product pictures



<b>Article no:</b>	Standard	<b>AGX CW2 UHF</b>
<b>Typical Applications</b>		
<ul style="list-style-type: none"> <li>•Manufacturing</li> <li>•Security</li> <li>•Waste management</li> <li>•Logistics</li> </ul>	<ul style="list-style-type: none"> <li>•Health Care</li> <li>•Asset management</li> <li>•Food</li> <li>•Transportation</li> </ul>	<ul style="list-style-type: none"> <li>•Service Maintenance &amp; Diagnostics</li> <li>•Automotive</li> <li>•Retail &amp; POS</li> <li>•Home Automation</li> </ul>

**Contact:**

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Technical Specifications		AGX CW2 UHF
<b>Platform</b>		
MCU	Cortex-M3 72MHz	
Storage	50000 tags	
Buzzer	Supported	
Interface	Micro-USB	
<b>Physical Characteristics</b>		
Dimensions	282x117.5x32mm / 11.10x4.63x1.26in	
Weight	334g/11.78oz (with battery)	
Display	1.77 inch, 128X160	
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	
<b>Scanning</b>		
1D Symbolologies	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	
<b>UHF Reader</b>		
Frequency	865 - 955MHz : ISO 18000-6C, EPC Class1 Gen2	
Engine	CM2000-1 module based on Impinj Indy R2000	
Antenna	Linear Polarized antenna (4dBi)	
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	
<b>Communications</b>		
WPAN	Bluetooth 4.0, BLE	
<b>Options</b>		
Size of adapted phone	Sled Reader: Width 68~80 mm, thickness ≤ 22 mm Others: Based on phone case or holder	
<b>Accessories</b>		
	USB Cable	
	AC Adapter ( CN,EU, UK, US)	
<b>Environment</b>		
ESD	±15KV air discharge, ±8KV conductive discharge	
Drop	Multiple 1.5m/4.9ft drops (at least 20 times) to the concrete	
Operating Temperature	-4oF to 122oF / -20oC to 50oC	
Storage Temperature	-40oF to 158oF / -40oC to 70oC	
Humidity	5% - 95% non-condensing	
Approvals	CE, RoHs, KTL Drop Test 1.5m	

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