

# DATA SHEET



## AGX DOT 900 RFID UHF Datacollector

### Product Description

#### Main Features

User friendly design for industrial work environment  
 Ergonomics design for high work performance  
 Powerfull UHF Reader Module (1Watt)  
 Wireless option BT for data transfer at 115.200BPS  
 Very light weight 150g

Simple to use with 2 buttons  
 Smart design with swivel antenna  
 Communication via BT with many devices  
 Small and light for easy day to day work  
 Ideal for any application

#### Product pictures



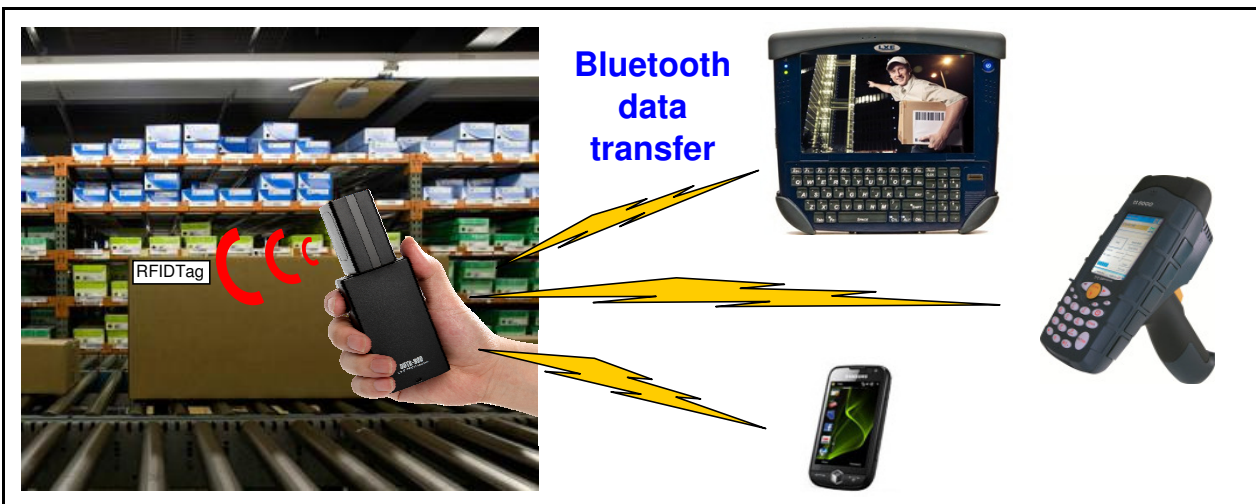
<b>Article no:</b>		<b>AGX DOT 900</b>
<b>Typical Applications</b>		
<ul style="list-style-type: none"> <li>•Manufacturing</li> <li>•Security</li> <li>•Waste management</li> <li>•Logistics</li> </ul>	<ul style="list-style-type: none"> <li>•Health Care</li> <li>•Asset management</li> <li>•Food</li> <li>•Transportation</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>

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**Technical Specifications**
**AGX DOT 900**
**RFID Specifications**

Frequency	865~868MHz, 917~923.5MHz 902~928MHz , 950~956MHz	
Max Power	1 Watt	
Channel occupation method	Frequency Hopping	
Antenna gain	TBD	
Modulation method	Forward	PR-ASK Tari 25usec (PIE coding)
	Reverse	back-scatter (ASK) link frequency 250KHz Miller 4
Power consumption	Off	0 mA
	Ready	under 100 mA
	Max electric current	under 1,6 A
Dimensions	140 x 50 x 30mm	
Weight	Standard 150g	
WPAN	Serial profile support 115,200 BPS	
USB	USB 1.1 compatible	
UART	3.3V , 3-wire	
<b>Environment</b>		
Operating Temperature	-20 °C to 55 °C	
Storage Temperature	-40 °C to 70 °C	
Humidity	5% - 95% non-condensing	
Rain & Dust protection	IP54	
Approvals	CE, RoHs	


**Article no:**
**AGX DOT 900**
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