



## AGX DO111

**RFID HF Dongle  
read / write unit**

<b>Product name</b>	<b>AGX DO111</b>
<b>Technical data</b>	
<b>Read/write unit</b>	
Tag protocol:	ISO 14443A (noninventory), ISO 15693
Read range:	up to 15 cm (depending from Tag type)
Write range:	50% - 70% of read range
Frequency range:	13,56MHz
Antenna connector:	50 Ohm SMA socket (can be configured according to specs)
HF Output power:	100mW / 200mW Software switchable
RSSI:	RSSI can be visualized by Software
Anticollision	YES
<b>Interface</b>	
PC interface:	USB (optional RS232 with external power supply)
Port implementation:	Virtuell serial port; no driver needed on usual OS
<b>Others</b>	
Power supply:	over USB 5V 180 mA (30mA in stand by)
Operating temperature:	-20° up to +50° C
Storage temperature:	-35° up to +70° C
Humidity:	0-95% non condensing
Dimensions:	90 (H) x 20 (W) x 13 (D) mm (without antenna)
Weight:	20 g (without antenna)
Color:	Black
Protocoll / Commands:	Simple AT commands for scanning from tags, read and write of tag memory as well as modifications of main parameters
Accessories:	CD ROM with control software and manual
<b>Article No:</b>	<b>AGX DO111</b>
<b>Typical Applications:</b>	
Asset Management	
Fashion & Apparel industrie	
General Logistics	
Industry & Automotive	

**Contact:**

sales@agillox.com  
www.agillox.com



## AGX DO111

**RFID HF Dongle  
read / write unit**

<b>Product name</b>	<b>AGX DO111</b>
<b>Software to support developers</b>	
<p>A software package comes with each AGX AGX DO111. This useful demo software simplifies the application-specific handling of the devices.</p>	
<p>tag2IMAGE is a software development kit or support developments or for the visualization of RFID applications for eg Trade shows or demonstrations of internal development milestones. Due to its drag and drop features and the "visual" representation of the software is easy to use.</p>	
<p><b>Functional overview</b></p>	
<p><b>Visualization of detected objects</b> Images can be linked with the UIDs of tags in consequence objects are displayed on the screen from tags that were just read.</p>	
<p><b>Scan Modes</b> Different displays on reading of transponders. For example with and without RSSI value reading of single transponder or the multiple-reading and operation of multiplexers, etc.</p>	
<p><b>Reading and writing of user data area (memory) on the transponder</b> All the blocks of the user data area (memory) are displayed and can be read and write.</p>	
<p><b>Using multiplexers</b> The connected antennas of the multiplexer can be placed anywhere on the screen.  A positioning of the transponder seen on several antennas is also visualized and displayed on the screen.</p>	

<b>Article No:</b>	<b>AGX DO111</b>
--------------------	------------------