DATASHEET

AGILLOX

AGX DO112

RFID LF Dongle read / write unit

Product name	AGX DO112
Technical data	
Read/write unit	
Transponder types:	EM4102 (EM4002, EM4200,...), EM4150 (EM4050, EM4450,...), HITAG-1, HITAG-2, HITAG-S
Read range:	up to 25 - 50mm (depending from Tag type)
Write range:	50% - 70% of read range
Frequency range:	125 kHz
Antenna connector:	integrated coil antenna
Interface	
PC interface:	USB 1.1 or higher
Port implementation:	No driver needed on usual OS
Others	
Power supply:	over USB (5V Dc, 100mA)
Operating temperature:	-20° up to +50° C
Storage temperature:	-35° up to +70° C
Humidity:	0-95% non condensing
Dimensions:	80 (H) x 20 (W) x 13 (D) mm
Weight:	28 g (with antenna)
Color:	Blue
Protocoll / Commands:	Simple ASCII commands for scanning from tags
Compatible SW Applications:	Direct hand over into e.g. Word®, Excel®, NotePad® or any other application. • Output format (Standard): Transponder Serial number, hexadezimal characters followed by CR/LF.
Accessories:	Customized outout formats possible with free of charge software tool possible
Article No:	**AGX DO112**

Typical Applications:

Asset Management
Fashion & Apparel industrie
General Logistics
Industry & Automotive

AGX DO112

RFID LF Dongle
read / write unit

Product name	AGX DO112
Software to support developers	

The AGX DO112 is a transponder reader for LF 125 kHz transponders (EM4102, EM4150, Hitag-1, Hitag-2, Hitag-S).

Only the size of a Memory Stick reader through this simple plug and play is the USB port connected. Ideal for access control applications (eg internet cafe staff LogOn) etc..

"Plug and Play" function
If a 125 kHz transponder held in the vicinity of the USB stick, automatically the transponder serial number is transmitted to the PC. The USB stick simulates a keyboard input and can thus be used in any PC software. The serial number of the transponder at the current cursor position, since the application software can not distinguish between keyboard input and reading about the AGX DO112 and treated both as a keyboard input.

HID interface allows quick and easy use
From Windows ® 2000 upwards the AGX DO112 is supported by the Windows ® interface HID (Human Interface Device). In consquence no external drivers are necessary! Windows ® will install the necessary drivers itself.

Customized output format
The output format be adjusted by the free software tool. In this case, both the serial number can be converted (eg, in a purely numeric hexadecimal) and the control characters can be changed (eg <CR/LF> (default), only <CR>, or no control characters). In addition it can be defined which transponder types are accepted.

Article No:	AGX DO112