

# DUR 300A



## USB MINI DESKTOP NFC READER



### USB MINI DESKTOP NFC READER DUR 300A

Evaluation Kit (EK) is suited for all potential ODM/OEM customers who wish to build readers for mobile devices or high performance stand-alone RFID readers/scanners.

#### EK Package Consists of:

- USB based DUR300 reader
- Sample ISO/IEC15693 tags from respective makers
- Programmer's manual, compatible with .Net, and C++
- Datasheet
- Evaluation Kit Case

### SPECIFICATIONS

<b>Model</b>	DUR-300A
<b>Dimension</b>	89 (Length) x 52 (Width) x 14 (Height) mm - Gap from antenna surface = 7.5mm - Gap from PCB's edge = 5.5mm - Overall substrate thickness = 1mm
<b>Weight</b>	Below 17 gm
<b>Operating Frequency</b>	13.56MHz
<b>Air Protocol</b>	ISO/IEC18092 ISO14443 Type A & Type B Felica
<b>Supported IC Tags</b>	Mifare, Felica and its compatible tags.
<b>Frequency Modulation</b>	ISO/IEC18092: ASK10%~20% ISO14443A : ASK100%
<b>Data Rate</b>	ISO/IEC18092: 26.48kbps, 52.96kbps (Fast Mode) ISO14443A : 106kbps

<b>Power Input</b>	USB Powered (DC5V)
<b>Power Consumption (at DC5V input)</b>	<b>RF ON:</b> about 90mA <b>RF OFF:</b> about 40mA
<b>RF Output</b>	Tuneable
<b>Environment</b>	<b>Operating Temperature Range:</b> 10°C ~ +60°C <b>Storage Temperature Range:</b> -30°C ~ +80°C <b>Humidity:</b> 90% and below non condensing
<b>Interface</b>	USB 2.0/1.1
<b>Support</b>	Operating Manual, Command Manual, and Evaluation Kit: ✓ Evaluation Software (Operates on Windows platform PC) ✓ DLL(C++) ✓ DLL Functions Programmer's Manual

<b>Data Sheet Version</b>	DUR300A
<b>Date</b>	19 May 2017

A Product of:



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