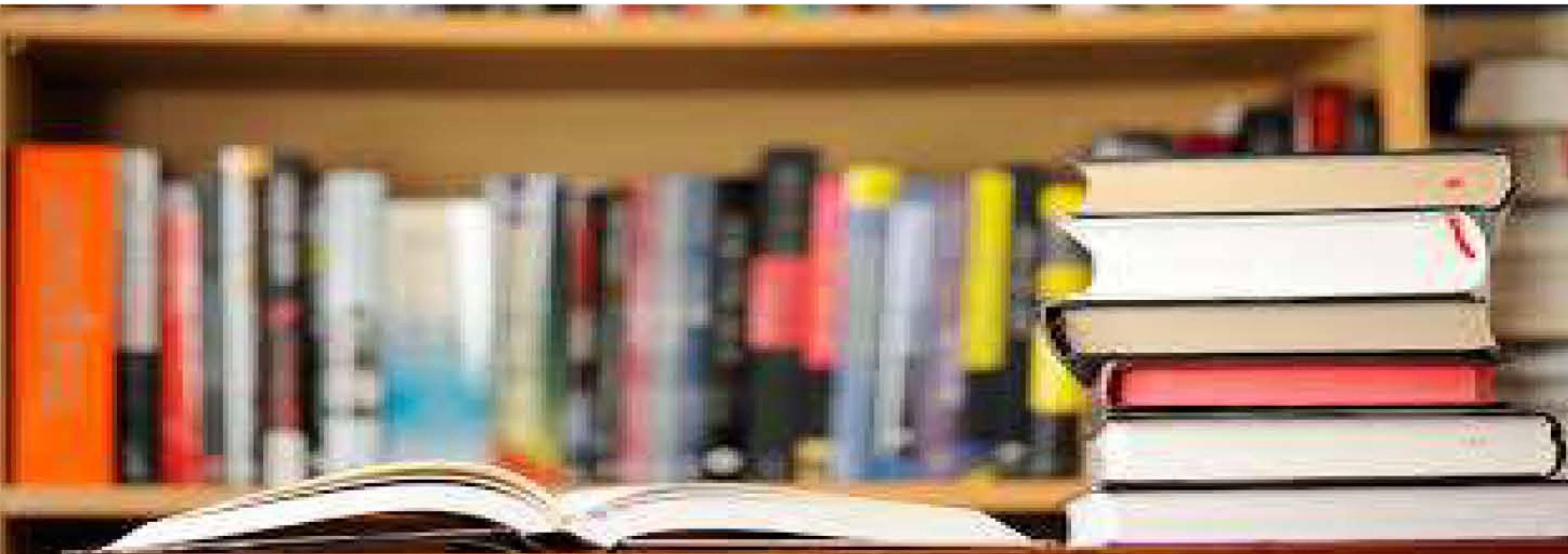


EVO

UHF GEN2

DESKTOP READER



APPLICATIONS

- Library books issuance
- Multiple documents issuance
- Multiple non-metal and metal inventories issuance
- Warehouse inventory check point
- Production floor control
- Product sorting
- Self check kiosk
- Retail check point
- And more...

FEATURES

- Support ISO18000-6C EPC Gen2
- Support stand-alone mode (at customer's request)
- Support USB 2.0 / RS232 / TCP/IP interfaces.
Optional HID compliant (Plug n Play)
- Read distance 0.1cm to 150cm (tag dependent)
- Superb coverage with microstrip antenna or near field antenna at customer's choice
- Customer's selection of in-built antenna or external antenna for more flexible implementation





Library book issuance



Product Sorting



RFID Self Check Kiosk

MODEL	EVO DESKTOP READER	
Physical Characteristics	Dimensions	290 (W) x 235 (L) x 50 (H) mm
	Weight	400g
Environment	Operating Temp	-20°C to 55°C (-4°F to 131°F)
	Storage Temp	-40°C to 80°C (-40°F to 176°F)
	Humidity	10% to 95%
	Casing	IP54
Antenna Selections: Microstrip Antenna (180 x 208 x 43)mm	Polarization	RHCP / Linear / Circular (customer's request)
	Peak Gain	7.5 dBi
	Beam Width	>40 MHz
	VSWR Ratio	1.5:1.0 dBi
	Axial Ratio	< 2.0 Db
Power	External 9 VDC	
Frequency Ranges	Reader Spectrum Range from 860MHz - 960MHz or User selectable 902 - 928 MHz (FCC) or 860 - 868MHz (CE)	
RF power control	20-30dBm	
Tag Air Interfaces	EPC Class 1 Gen 2	
Communication Interface	USB 2.0 / RS232 / Wiegand 26/34; TCP/IP / HID compliant (Plug n Play) (upon customer's request)	
Read / Write Range	0.1cm - 150cm / 0.1cm - 100cm tag and antenna dependent	
Read / Write Speed (ms)	Less than 10 / 20 ms	

Software Development Kit:

The **SDK** is a software development kit works with all UHF product series. It includes API, Host Demo, and user manual. It's developed by C builder development tool on Windows Operating System, compatible to VC, VB/VB.NET, C#. NET etc. Also, comes with Android source code for mobile development apps for models UH – 200 / 800 (handheld), UH – 2000 (extra long range handheld) and UF – 001 and UF - 004 (forklift) readers.

Features:

- ✓ SDK is available with some special benefits for customer' s development
- ✓ Stronger and powerful informative API to save your time and cost for development
- ✓ Examples of demo programs all developer to cut short development time and effort



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