INVENGO
XC–RF855
DESKTOP READER

RoHS
2002/95/EC
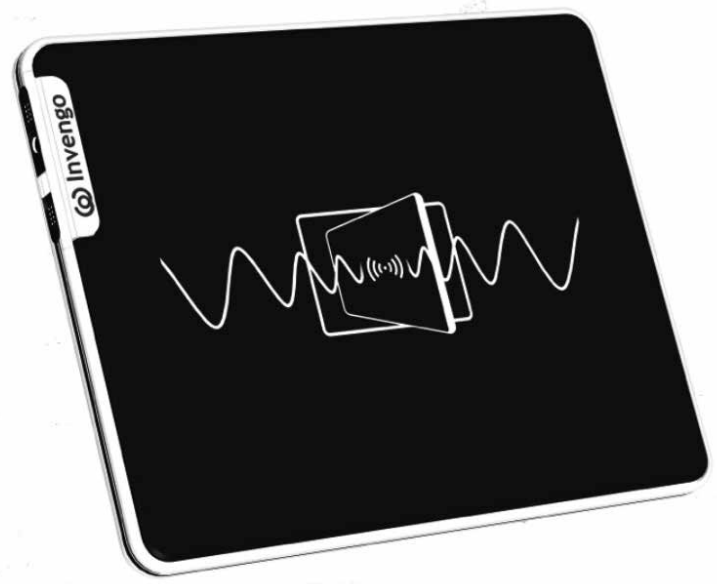
About Invengo's XC–RF855 Desktop Reader

Invengo's XC-RF855 Desktop RAIN RFID reader is a comprehensive (UHF) reading and writing station equipped with an integrated RFID reader module and built-in antenna. The device has excellent read and write performance, suitable within a variety of applications like retail, health care, and many others.

RAIN
RFID

Invengo – the global RFID technology provider – is a leading developer and manufacturer of high quality, intelligent RAIN RFID and HF/NFC connectivity solutions and consumables (tags & inlays) utilized in the Internet of Things. With a focus on RFID innovation, Invengo has created a leading product line in retail, (industrial) laundry, library, (public) transportation, healthcare, and many other industries.

Invengo Technology Pte. Ltd. (SG) is the International Headquarters of Invengo Information Technology Co. Ltd, listed on Shenzhen Stock Exchange (SZSE: 002161.SZ). Employing over 600 people globally, Invengo is one of the largest publicly traded, RFID / IoT oriented companies in the world.

Features

- Slim and robust designed Desktop Reader
- Comprehensive SDK for software development
- Expandable functionalities
- Standard USB interface
- UX friendly software
- Easy to deploy

All features and specifications described are subject to change without notice.

Product Specifications

Physical Parameters

Dimensions	345 x 270 x 25,5 mm
	(13.6 x 10.6 x 1 in)
Weight	2,5 kg (5.5 Lbs)
Case Material	Aluminum Alloy, Tampered Glass

Environmental

Operating Temperature	-10℃ to 55℃ (14℉ to 131℉)
Storage Temperature	-15℃ to 60℃ (5℉ to 140℉)
Humidity Range	5% to 95%, non-condensing

Power Source

Adapter (not included)	AC input 100V-240V,50 - 60 Hz;
	DC / output 4,5 ~6V/4A
	Supply current >=2A
	Supply jitter <100mV

Communication/Network

Host Interface	USB
Indicators	Power indicator, LED indicator and Buzzer

UHF RFID

Supported Protocols	EPC global UHF Class 1Gen2, ISO/IEC 18000-63
Frequency	920 to 925 MHz

Performance Parameter

Read Range	0 to 3 m (adjustable by power settings
Multiple Tag Reading	Up to 20 tags
RF Boundary	< 20 cm
RF Output Power	0 to 27 dBm, configurable in 1 dBm steps

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