

EMPRESS™ 2.4GHz Active RFID Desktop Reader **(Model: HKRAR-EMSP-S)**

Introduction:

- EMPRESS™ Short Range Active Reader (P/N: HKRAR-EMSP-S) is compact and therefore is easy to install with simple form factor.
- EMPRESS™ is user friendly and easy to develop. It can work with a controller for door or gate access applications.
- With short reading distance, it can be used for tag association, identity confirmation and/or approval. In addition, it is suitable for applications with high security requirements.
- This 2.4GHz Active RFID Reader uses the advanced 0.18um CMOS IC, and is well-fitted for being a Data Collector.
- The Omni-directional antenna of EMPRESS™ can identify tags from all directions. Users can adjust the identification distance according to actual situation in order to make identification more accurate.



**Short Reading
Range**

**Active RFID
Desktop Reader**



EMPRESS™ 2.4GHz Active RFID Desktop Reader
(P/N: HKRAR-EMSP-S)

Special Features:

- Easy to develop
- Convenient Tag Association
- Ultra Short Range Identification
- Sensitive to Active RFID tag
- Suitable for wide range of applications

Specification for **EMPRESS™ 2.4GHz Short Range Active RFID Reader:**

Direction	Omni-directional, build in antenna
Range	25m or below, minimum to 10cm (adjustable)
Frequency	2.4GHz--2.5GHz ISM
RF Output Power	0dBm
Sensitivity	-85dBm
Power	500mA,5V , Power adapter
Modulation	GFSK
Software Interface	Comport Communication Protocol
Data Rate	1Mbps
Operating Temperature	-40~60 °C
Operating Humidity	95%(Non-condensing)
Anti-collision	50 tags (depends on the reading distance)
Interface	RS232
Dimension	117mm * 79mm * 24mm



Hussar™ Slim 2.4GHz Active RFID Tag
(P/N: HKRAT-NT02)



2.4GHz Active RFID Controller
(P/N: HKRAC-EMCL)



Company Awards:



Distributor:

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