

EMPRESS™ 2.4GHz Active RFID Reader

(Model: HKRAR-EMWF)

Introduction:

- EMPRESS™ Active Reader (P/N: HKRAR-EMWF) is wireless and therefore is easy to install with low installation costs. Through IEEE 802.11b/g (EMWF version), the reader gathers and transmits data to the wireless router. Once powered, the HKRAR-EM series is instantly connected and become part of the network.
- EMPRESS™ is user friendly with a web interface. You can get data and do analysis with a PC in an efficient way with its Wi-Fi feature.
- 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.

Wireless Active RFID Reader



EMPRESS™ 2.4GHz Active RFID Reader
(P/N: HKRAR-EMWF)

Wi-Fi Connection



Special Features:

- Wi-Fi network
- Sensitive to Active RFID tag
- Long Range Identification
- Suitable for wide range of applications
- Peer to peer communication (Optional)

Specification for EMPRESS™ 2.4GHz Active RFID Reader:

Direction	Omni-directional, standard rubber antenna
Range	30-50m indoor environment , 50-70m with line of sight
Frequency	2.4GHz--2.5GHz ISM
RF Output Power	0dBm
Sensitivity	-85dBm
Power	500mA,5V , Power adapter
Modulation	GFSK
Software Interface	.Net Platform, Xtractor™
Data Rate	1Mbps
Operating Temperature	-40-60 °C
Operating Humidity	95%(Non-condensing)
Anti-collision	>100 tags in first read >200 tags shown within 3 sec
Interface	Wireless Connection: WI-FI, IEEE 802.11b/g. Cable Connection: RJ45 Plug, TCP/IP
Dimension	125mm * 108mm * 26mm

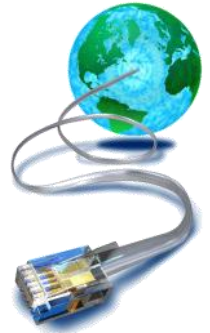
***Remarks:**

Reading range is subjected to RF environment and RF power of tags, 100m is achieved in an open space using HKRAT-NT02 active tags which are placed 1m above ground.



User Friendly Settings

Empress™ 2.4GHz Active Reader is very easy to set up with its web interface on the internet. User can simply enter the address for installation.



Product Certificates:



Company Awards:



For enquiry, please contact:

Email: sales@hk-rfid.com

Tel: (852) 3426 9510

Fax: (852) 3426 9519

Distributor: