

Partner With



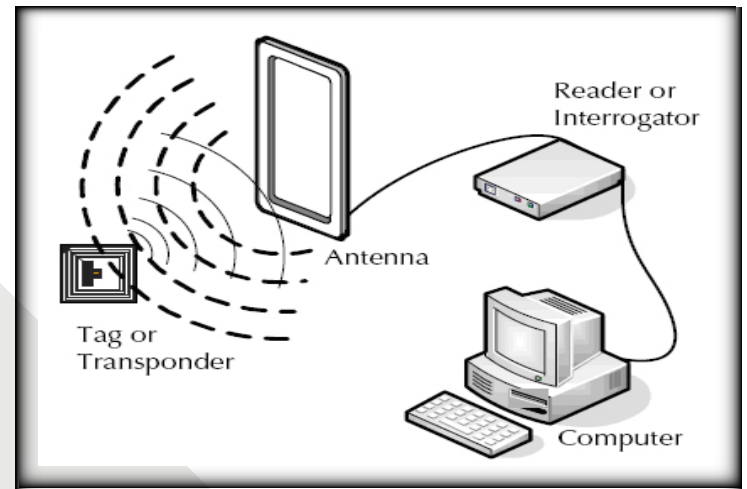
quadric

sdn bhd (1175646-A)



RFID ASSET MANAGEMENT

As industry seeks to optimize efficiency, the need to accurately and automatically capture and track information increases. Industry now uses captured data to inventory assets, and to log, track and verify processes. Radio Frequency Identification (RFID) technologies have been developed to meet such demand by increased the efficiency of business processes, reducing manual labour while improving the integrity of data.



BENEFIT OF RFID

- Tags have longer life span (up to ten years in data storage)
- Tags can withstand hostile environments and temperature
- Read and write capabilities without contact and line-of-sight
- Tags can be integrated or embedded into object
- Tags recyclable up to 100,000 read/write cycle
- Tags available in different form factors and size
- Tags with memory storage (up to 2Kbits)
- Maintenance free and robust tags.
- Multiple tags can be read/written simultaneously, and in close proximity.



FOR ENQUIRIES



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RFID TAGS

RFID tags exist in variety form factor. A computer system with RFID scanner must be use to perform read and write data from a tag

Boltscrews



Animal tagging



Wristbands



Security Seal



Hospital bracelet



Wrap-around



Metal tags



Metal Tag



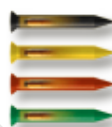
Stick-on tags



Laundry tags



Nails



Watch-style



PVC cards with custom print



Keyfobs



Sticker



RFID READER



▼ Specifications	
Model (Order Code)	E100 Library Version
Physical Characteristics	Dimensions 29cm (W) 23.5cm (L) x 5cm (H)
	Weight 400g
Environment	Operating Temp -10°C to 55°C (14°F to 131°F)
	Storage Temp -20°C to 80°C (-4°F to 176°F)
Antenna Connection	SMA
	Power External 9 VDC
Frequency Ranges	919 or 923 MHz band (We can do as per your requirements)
RF power control	20-30dBm
Tag Air Interfaces	EPC Class 1 Gen 2
Communication Interface	RS232 & TCP/IP
Read Distance	10cm



▼ Specifications	
Model (Order Code)	E200
Physical Characteristics	Dimensions 165(L) 55(W) 30(H) mm
	Weight 210g (with battery)
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)
Antenna Connection	MMCX
Power	Battery Operated
Frequency Ranges	902 or 928 MHz band
RF power control	20-30dBm
Tag Air Interfaces	EPC Class 1 Gen 2
Communication Interface	Bluetooth™
Read Range	> 2M tag dependent



▶ E100 Desktop Reader/Writer

▶ E200 Mobile Reader

POSSIBLE APPLICATIONS



➤ Security Access System



➤ Asset & Inventory



➤ Warehouse



➤ File & Document Management



➤ Ticketing



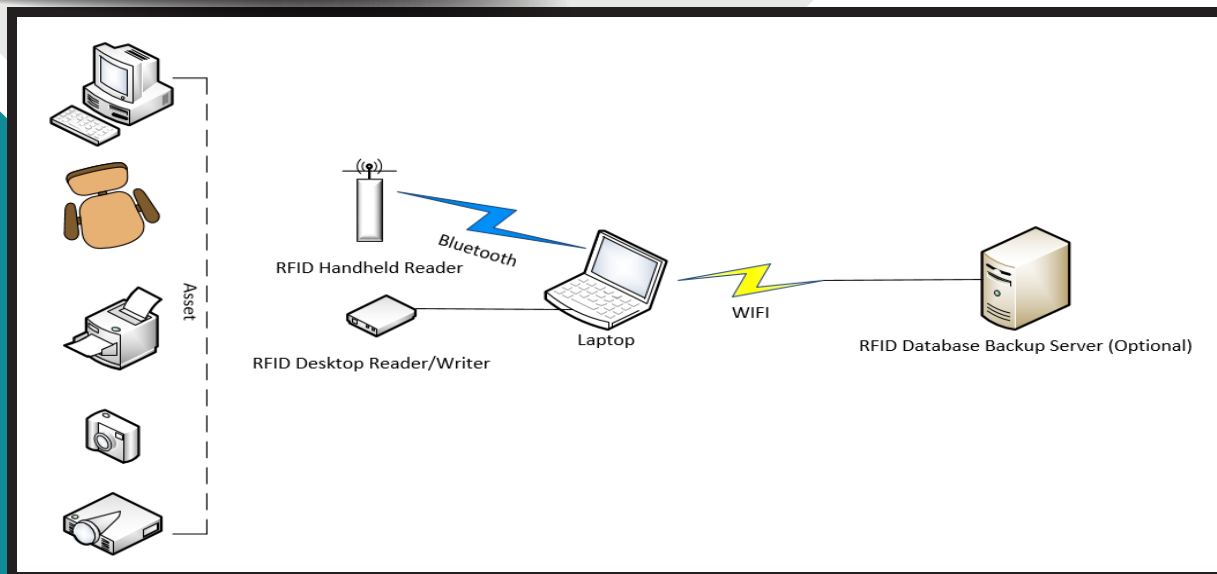
➤ Healthcare



➤ Logistic & Transport

- Real Time Locator System (RTLS)
- Certificate of Authenticity (CoA)
- Maintenance Management
- Regular Maintenance
- Agriculture
- Customized Solutions

ARCHITECTURE



MINIMUM SPECIFICATION FOR LAPTOP

- 2GB of RAM
- 1GB of free Hard Disk storage
- 1 RS232 COM port or USB to RS233 converter for desktop reader / writer
- Support Bluetooth 2.0 protocol (for mobile reader)