

# MH-220u: RFID Mid-Range Reader 13.56MHz



MH-220u Mid-Range Readers comprise of a board range of RFID readers which operate at 13.56 MHz. The supported transponders in this version of the reader are I-Code (ISO 15693) read range up to 20cm. Data transfer can be carried out via the convenient USB interface.

## Specifications

Description	MH-220u
Frequency	13.56 MHz
Read Range	Up to 20cm. (with ISO Card)
Communication Speed	1.65 kbps
Protocols	ISO 15693
Supported Tag Types	I-Code SLI
Modulation System	Tx: ASK Tx: ISO 15693: ASK Rx: ISO 15693: 1/256 or 1/4
Bit Coding	Rx: Manchester
Communication Method	Half - Duplex
System Requirement and Driver Support	Windows XP(32 bit) SP 3, Windows 7(32 bit), .Net Freamware 2.0
Interface	USB to Serial (Default) (Standard USB Cable Length 1.8M.) Interface RS232 or LAN (Upon request)*
Display	None
Weight	900 g
Dimensions Box	250x175x75mm. (Plastic ABS)
Operating Temperature	0°C < T < 50°C
Storage Temperature	20°C < T < 60°C
Warranty	One-year warranty. (For electronics only)

\*Must order power adapter required DC 5v, 130mA (Power from USB)

## Features:

- Frequency: 13.56 MHz
- Read / Write
- Tag Protocol ISO 15693 Support
- USB to Serial Interface
- Easily interface with Visual Basic and C# software library

## Applications:

- Productivity & Traceability
- Automation line conveyer
- Personal Identification
- Asset Tracking
- Access Control
- Car park
- E-Ticket

