

HF Controllers and Antennas

Thousands of HMS-Series Read/Write stations are in active use around the world.

The series is based on the ISO14443A Standard, and uses a custom key to add data security. HMS Tags are also compatible with the Cobalt HF Series from Escort Memory Systems, so many new installations will use the Cobalt controller/antennas because of their

advanced communications and programming features. The HMS Series offers several antenna form factors to suit the application, from compact antennas integrated into the controller body, to large scale 12-inch (300mm) plate and 14.5 inch (368mm) conveyor types.

HMS- HIGH MEMORY COMPACT READERS



HMS820/830-04

Conveyor Antenna	
Antenna Size	368 x 71mm
Controller Size	122x120x55mm
Frequency	13.56MHz
Tag Power	Passive
Data Transfer:	1000 byte/sec
Process Input	4.5-30VDC, 25mA
Process Output	30VDC, 500mA
COM1	RS232, RS422 Mux32, or DeviceNet if 830 Model
COM2	RS232 for diagnostics

TAG COMPATIBILITY:

HMS Series

HMS820/830-08

Plate Antenna	
Antenna Size	300 x 350mm
Controller Size	122x120x55mm
Frequency	13.56MHz
Tag Power	Passive
Data Transfer:	1000 byte/sec
Process Input	4.5-30VDC, 25mA
Process Output	30VDC, 500mA
COM1	RS232, RS422 Mux32, or DeviceNet if 830 Model
COM2	RS232 for diagnostics

TAG COMPATIBILITY:

HMS Series

HMS827/828-0X

Antenna -03	18mm Tubular
Antenna -04	368x71mm
Antenna-05	30mm Tubular
Antenna-06	30x40x12mm
Controller Size	40x45x119mm
Frequency	13.56MHz
Tag Power	Passive
Data Transfer:	1000 byte/sec
Process Input	4.5-30VDC, 25mA
Process Output	30VDC, 500mA
COM1	RS232, RS422 Mux32, or DeviceNet if 830 Model
COM2	RS232 for diagnostics

TAG COMPATIBILITY:

HMS Series

HMS828 Models feature TCB Software