⊚Hitachi High-Tech Materials Corporation

IC Card Reader/Writer Module
User Manual

This device is IC card Reader/Writer module in conformity to ISO/IEC15693 (Non-contact vicinity type) and has several features below.

) Antenna-integrated space-saving design
) Optional built-in user custom software
) Practical communication range
) Wide array of general-purpose I/Os

We assume that this device is embedded and used for stationary equipment.

Specifications;

Item	Specification/Function
Power supply voltage	+12VDC±5% (+5VDC for internal operation)
Communication of RF part (Radio communication)	In conformity to ISO/IEC 15693 (Non-contact vicinity type)
Radio communication standard	Induction-type Read/Write Communication Equipment Type-approved
Host I/F	RS232C level (Full-duplex transmission) serial I/F
I/O	Host part general-purpose port (9 ports in total): General-purpose input port x 4, output port x 3, I/O port x 2
Board mounting method	Screw clamp with M3 screws at 4 points
Outer dimensions	100 mm × 66 mm × 128 mm (±0.5 mm)
Operating temperature and humidity	0 to +55°C, 25 to 85%RH, Non condensing
Storage temperature and humidity	-20 to +65° C, 25 to 85%RH, Non condensing

The following FCC statements will be added in the user's manual:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

Cautions

Changes or modifications not expressly approved by Hitachi High-Tech Materials could void the user's authority to operate the equipment.