⊚Hitachi High-Tech Materials Corporation

IC Tag Reader/Writer Module
User Manual

This device is IC Tag 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

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

Specifications;

Item	Specification/Function
Power supply voltage	+5VDC (+3.3VDC 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	CMOS level serial I/F
Outer dimensions	50mm × 37 mm × 4.5 mm
Operating temperature and humidity	0 to +65°C, ～95%RH, Non condensing
Storage temperature and humidity	-35 to +85° C, ～95%RH, Non condensing

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.

FCC WARNING

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTICE

This equipment has been tested and found to comply with the limits for a Class A digital device,pursuant to part 15 of the FCC Rules. These limits are designed

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to provide reasonable protection against harmful interference when   the
equipment is oprerated in a commercial environment.

This equipment generates, uses and can radiate radio frequency energy   and,
if not installed and used in accordance with the instructions, may cause harmful
interference   to radio communications. Operation of this equipment in a
residential area is likely to cause harmful interference in which case the user will
be required to correct the interference at his own expense.