



HR4138S

TIRIS PROXIMITY TAG CIDRW Controller

Track Every Step – Fab to Finish with Heart's RFID

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General specifications

Characteristic	Specification	Comment
Supply Voltage Range	DC10~24V	Supplied from the power terminals
Current consumption @12VDC	Average 60mA ; Peak 160mA	Approx. 2A max, with rush current
Transmitting Radio Frequency	Typical 134.2KHz	FSK
Transponder Type	TIRIS Tag	Single & Multi page Transponder
Operating ambient temperature	-10 ~ +70°C	No freezing
Operating ambient humidity	10 ~ 85% RH	No dew condensation
Storage ambient temperature	-20 ~ +85°C	No freezing
Storage ambient humidity	5 ~ 95% RH	No dew condensation
Communication interface	RS-232C or RS-485	9600 bps (Default), N.8.1 (fixed)
Weight	320g MAX.	No freezing
Dimensions	128 × 91 × 31 mm	Except for protrusions on connectors
Mounting system	Secured with two M4 screws.	Use the enclosed washers.

Communication interface specification

Characteristic	Specification
Connector specification	RJ45 connector plug
Communication standard	RS-232C or RS-485 only for used HR4137S Gateway Controller
Synchronization	Asynchronous mode, start-stop synchronization
Communications control standard	SEMI SECS protocol
Total cable length	RS-232C 15 m Max. ; RS-485 : From HR4137S to last one HR4138S Total 1000 m Max.