

Manual Hybrid Card Reader	V4KU
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Manual Reader for Magnetic and IC Cards

- Long life and high reliability with ceramic block magnetic head and low friction IC contact.
- Anti-fraud and vandalism with mechanical shutter, lock function, and security features
- Higher readability of magnetic card by wider grasp area and advanced software decoding algorithm
- EMV4.0 approved.
- Selectable bezel (round or flat) with tricolor status LED.
- Hardware designed for chip and pin TDES and RSA.



Ordering Information

Track 1	Track 2	Track 3	JIS II	IC Card	Shutter	Interface	Front Insertion Guide	SAM	Part Number
R	R	R	-	Yes	Mechanical	USB	Round Bezel	1	V4KU-01JS-001
R	R	R	-	Yes	Mechanical	USB	Flat Bezel	1	V4KU-01JF-001
R	R	R	-	Yes	Mechanical	USB	Non Provided	1	V4KU-01JN-001

Specification

Part Number	V4KU	
Recommended card type	Magnetic and ICC	ISO 7810, 7811/1-6, Vcc 3-5v, inverse and direct convention
Card feeding speed		100 – 1000 mm/sec.,
Card feeding direction		Bi-Directional
Service life of magnetic head		1,000,000 Passes or Five Years
Service life of ICC contacts		300,000 Passes or Five Years
LED		Tri-Colour LED (Red, Green and Orange).
Operating power supply		+24V DC Maximum 2.0 A
SAM		1 SAM (Secure Application Module) standard with up to five optional
Power supply connector		Molex 5046-04A / 4 Pin / Pitch of 2.54mm
Interface		USB 2.0 HID Class at Full Speed of 12Mbps
Mounting location		Indoors - Away from direct sunlight or wet, humid environment
Ambient temperature	Operation	- 5° to 50° C
	Storage	- 20° to 70° C
Ambient humidity	Operation	5% to 85% RH
	Storage	5% to 90% RH
Vibration		10 to 150 Hz, single vibration width of 0.15 mm
Shock		150 m/sec ² , three times in six directions
Dimensions		80 W x 48 H x 143 D mm +/- 1mm
Weight		Approx. 400g

