

# Motor Driven Card Reader

# V2BF

## Motorised Card Reader for Magnetic and IC Cards

- Read magnetic cards, and Read/Write both smart and memory cards
- Able to update software program from host side by firmware download function.
- RS232 interface with user friendly command protocol for easy integration
- Rear ejection function and mechanical shutter prevents foreign objects and dust
- EMV Level1 approved



## Read & Write Information

ISO1	ISO2	ISO3	JISII	IC Card	Memory Card (SLE4418/28/32/42)	Shutter	Interface	Type Name
R	R	R	-	R/W	R/W	Mechanical	RS232C	V2BF-01JS
R	R	-	R	R/W	R/W	Mechanical	RS232C	V2BF-0FJS

R : Read only    R/W : Read & Write

## Typical Applications

- Ticket vending machine
- Information & Payment KIOSK
- ID Card Checker
- Various Kiosk

## Specifications

Part Number	V2BF	
Recommended card type	Magnetic card ISO1/2/3, JISII, IC Card, Memory Card (SLE4418/28/32/42)	
Card feedingspeed	250 mm/s <sup>2</sup>	
Service life of magnetic head	1,200,000 passes or 5 years,	
Operating power supply	+12V DC Maximum 2.0 A	
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 <sup>2</sup> , three times in six directions	
Dimensions WxDxH	89 x 143 x 48 mm	
Weight	Approx. 400g	

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## Engineering Data

