OMRON Motorised Card Reader

V2BF

Motorised Card Reader for Magnetic and IC Cards

- Hybrid Card Reader.
- Rear Card capture.
- Mechanical Shutter.
- ISO 7810 / 7811 / 7816 Data Format.
- Asynchronous and Synchronous Cards.
- EMV 4.0 Level One Approved.
- RS232C Interface.



Ordering Information

Track 1	Track 2	Track 3	JIS II	IC Card	Shutter	Interface	Part Number
R	R	R	-	Yes	Mechanical	RS232C	V2BF-01JS

Typical Applications _____

- Information Kiosk.
- Car Parking Payment Machine.
- ID Card Reader.

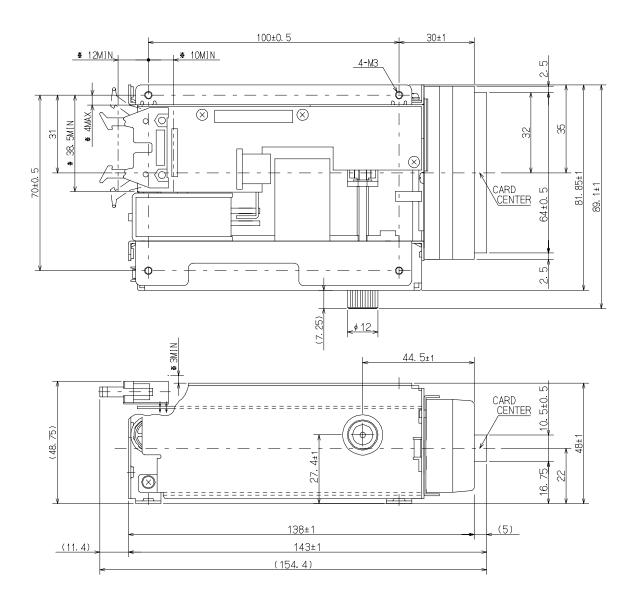
Specifications_____

Part Number		V2BF	
Recommended card type	Magnetic card	ISO 7810, 7811/1-6	
Card feedingspeed		250 mm/s ²	
Service life of magnetic head		1,200,000 passes or five 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	
Ambient temperature	Storage	- 20° to 70° C	
Ambient humidity	Operation	5% to 85% RH	
Ambient numidity	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	With cover	80 W x 48 H x 143 D mm +/- 1mm	
Weight		Approx. 400g	

OMRON-

V2BF

Engineering Data -



Omron Electronic Components Europe B.V., Card Reader and RFID Sales Division Wegalaan 57, 2132 JD HOOFDDORP, The Netherlands Tel: +31 23 5681200 Fax: +31 23 5681212	 © Omron corporation 2002 Colours of actual product may differ from catalogue colours. All specifications may be subject to change without notice.
www.cardreaders.info	