Magnetic Stripe Reader
With 20 keys pinpad

FEATURES
1. Triple tracks.
2. Built-in decoder
3.20 keys pinpad
4. Bi-directional operation
5. Dual color LED to indicate a Good/Bad reading
6. Stainless steel card guide
7. ABS plastic cast case
8. USB Interface cables include.

SPECIFICATIONS

Mechanical:
Weight 450G
Dimensions 150mmL x 101mmW x 38mmH
Case ABS plastic
Environmental:
Operating Temperature 0 to +50 deg C
Storage Temperature -20 to +70 deg C
Relative Humidity 90%, non-condensing
Vibration 40 G's
Shock 40 G's
Reading Performance:
Card feed speed 10 to 120 mm/second
Card feed force 0.6oz, typical
Magnetic head life 1,000,000 passes min.
Read error rate < 1 in 1000 passes
Electrical:
Voltage 5VDC +/- 10%
Current 30 ma
LED indicator Green - Good read or ready to read
Red - Bad read
Electrical Connections:
Connect the long cable to the computer USB port.

Interface:
The KB20R (which Simulation of keypad working) communicate with system through the usb interface.

FUNCTIONAL TEST
KB20R
1. Test msr
To functionally test the KB20R will require the use of a standard credit card. Place the credit card at one end of the Magnetic Stripe Reader. Face the magnetic strip of the credit card toward the arrow of the MSR. Move (swipe) the card through the reader. The KB20R is a bi-directional device, therefore, it does not matter which direction the credit card is swiped. The credit card information will appear on the monitor. The information shown on the screen will vary according to the card used. The information

should look similar to the following:

Track 1	%ABCD84045453?
Track 2	;9437577710640473475?
Track 3	+43623562346655423465?

2. Test pinpad

The information entered from pinpad will be shown on the screen.

KB20R

1. Test MSR

To functionally test the KB20R will require the use of a standard credit card and a communications utility program.

magnetic strip of the credit card toward the arrow of the MSR. Move (swipe) the card through the reader. The KB20R is a bi-directional device, therefore, it does not matter which direction the credit card is swiped. The credit card information will appear on the monitor. The information shown on the screen will vary according to the card used.

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2 .test pinpad

The information entered from pinpad will be shown on the screen

PINPAD

PATTERN

ESC	F1	F2	F3
7	8	9	F4
4	5	6	F5
1	2	3	F6
CLEAR	0	.	ENTER