

2050-A1 data sheet**1、 Mechanical/ Electrical**

Interface	RS232 USB COM/Keyboard
DC Adapter	USB power supply
Voltage	DC +5V±5%
Power on current	380 ma
Stand-by current	330 ma
Work current	450 ma

2、 performances

Light resources	(light) red LED
Maximum readable code speed	3m / second
Resolution	1280*800
Scan angle	70° (H) , 80° (V) , rotate 360°
Port/Interface	RS232, USB COM/Keyboard

3、 User environment

Operation Temperature	-20°C-60°C
Storage Temperature	-30°C-70°C
Humidity	5%-95%
Ambient light	Normal indoor and outdoor direct sunlight

4、 Supported Symbologies

	readable	Default readable
Australian Post	✓	
Aztec	✓	
BPO	✓	

Canada Post	✓	
Codabar	✓	
Codablock	✓	
Code 11	✓	
Code 39	✓	✓
UPC/EAN	✓	✓
Code 128/EAN128	✓	✓
DataMatrix	✓	
Dutch Post	✓	
EAN.UCC Composite	✓	
Interleaved 2 of 5	✓	
Japan Post	✓	
Matrix 2 of 5	✓	
MaxiCode	✓	
MicroPDF417	✓	
MSI Code	✓	
PDF417	✓	
Planet	✓	
Plessey Code	✓	
Postnet	✓	
QR code	✓	✓
RSS	✓	
Standard 2 of 5	✓	
Telepen	✓	
TLC 39	✓	

5、Scan picture

2050-A1 scan distance: These distances are measured in an indoor environment(250 lux)。

Code type	Density	The shortest distance	The longest distance
Code 39	5 mils	0 cm	6.0 cm
	13 mils	0 cm	17.0 cm
PDF 417	15 mils	0 cm	6.0 cm
UPC-A	13 mils	0 cm	15.0cm
QR Code	30mils	0 cm	13.0cm

6、Dependability

Thermal shock resistance	
maximum temperatures	70 °C
minimum temperatures	-30 °C
Mechanical impact resistance	
shock	8 G r.m.s., from 10 to 500 Hz, 2 hours per axis, 3 axes