

# BL-2000K

**LASER SCANNER WITH STAND PS2 INTERFACE**

(C-YA-A-00083)



**General**

<b>Interface</b>	Keyboard Wedge PS2
<b>Supported Symbologies</b>	UPC-A/UPC-E, EA N-13, Codabar, Code 11, Code 39, Code 128, Telepen Code, RSS Code Industriel 2 of 5, MSI Plessey Code, EAN/UCC 128, IATA Code, China Postal Code

**Optical**

<b>Optical sensors</b>	Photo diode
<b>Width of Field</b>	120 mm
<b>Light source</b>	Laser diode (650 nm)
<b>Depth of Field</b>	30 ~ 250 mm (UPC/EAN PCS=90%)
<b>Resolution</b>	0.1 mm (PCS=90%)
<b>Ambient Light</b>	3000 Lux/Max (Fluorescent Light)
<b>Scanning contrast gradient</b>	=> 45%
<b>Scanning angle</b>	36° ± 2°

**Electrical**

<b>Power Supply Voltage</b>	5VDC ± 5%
<b>Working currents</b>	135 mA
<b>Standby currents</b>	65 mA
<b>Readind indicator</b>	Beeper and Led
<b>Scan Rate</b>	90 scan/sec

**Environment**

<b>Temperature in operation</b>	0° C ~ 50° C
<b>Temperature in storage</b>	-20° C ~ +60° C
<b>Humidity in operation</b>	20%RH ~85%RH
<b>Humidity in storage</b>	10%rh ~ 90%RH
<b>Safety Approval</b>	CE, FCC Class B, RoHS Approved

**Physical**

<b>Housing Material</b>	ABS plastic
<b>Cable length</b>	1.5 M
<b>Connector</b>	RJ45 Phone jack connector 10 pins
<b>Weight scanner</b>	220 g ± 5 g (with Cable)
<b>Dimensions</b>	160 mm (L) x 70 mm (W) x 80 mm (H)
<b>Shock resistance</b>	Approved by 1.5M drop test onto concrete ground



## 103DU, 103DK, 103DR Barcode Reader

BARCODE Arex Tek 103DU, 103DK, 103DR, READER is IR (Infrared Ray) ready-made Barcode Reader. It uses FUZZY LOGIC to decode barcode efficiently and is able to reduce disturbing light from external. It can read barcode in many directions such as forward, backward, or invert and is able to read barcode from surfces that are dirty, rough or quite less invisible. Barcode is able to read standard codes such as UPC-A, UPC-E, EAN/JAN-13, EAN/JAN-8, EAN/UPC SUP., ISBN/ISSN, Code39, Code39EXY, Code25, Code128, Codabar NW7, Code93 and Code11.103RD BARCODE READER includes; BARCODE 103RD, User Manual in Thai/English, and Disk.

**1. Model 103DU BARCODE SLOT READER USB(C-YA-A-00119)**



**2. Model 103DK BARCODE READER (C-YA-A-00043)**



**3. Model 103DR BARCODE READER (C-YA-A-00010)**



**HARDWARE SPECIFICATION**

<b>Output Interface</b>	: <b>USB PORT (Type A)</b> Model # 103DU Barcode Slot Reader USB : <b>RS232 (Standard DB9 Female Type)</b> Model # 103DR Barcode Reader : <b>PS2</b> Model # 103DK Barcode Reader
<b>Light Source</b>	: Infrared 940nm.
<b>Sensor</b>	: Hi-density photo image sensor
<b>Power Consumption</b>	: 90mA/5VDC
<b>Card Thickness</b>	: 0-1.5mm.
<b>Reading Speed</b>	: 2 to 280 cm/sec.
<b>Resolution</b>	: 0.116mm. (4.7mil)
<b>Programmable Multi-setting by reading setup cards.</b>	
<b>Barcode Response</b>	: UPC-A,UPC-E,EAN/JAN13,EAN/JAN- 8, EAN/UPC SUP.,ISBN/ISSN,Code39 Code39EXT,Code25,Code128,Code93, Codabar/NW7 and Code11,...
<b>Indicator</b>	: LED Power,Buzzer Beep for Function
<b>Body Meteria</b>	: Metal diecasting housing (Colour Black)
<b>Body Dimension</b>	: 114.5mm x 44mm. x 36.7mm.

