





#### BD-388III

# **BD-388111**8

Laser-Like Linear Imager scanner is even Simpler

More Powerfully More Easily

# The Enhanced, Upgraded and More Powerful scanner supports Auto Sensor





#### Ordering Information:

BD-388IIIM: Linear long range scanner, PS/2 cable, Black or Beige

BS-388IIIR: Linear long range scanner, RS-232 cable, Black or Beige

BS-388IIIU: Linear long range scanner, USB cable, Black or Beige

HDR-5P: High stand/hand free holder, Black or Beige

## 1. Excellent value for popular barcode reading

With the rapidly growing and wide application for barcode symbology application, Birch released the enhanced linear imager scanner which offers laser-like and high performance barcode reading: 500 scans/second, 400mm scanning distance for all of barcode reading including EAN 128 code and GSI data bar.

#### 2. Multiple 4-in-1 interface in one scanner

BD-388III is built with Keyboard, RS232 USB and Wand interface. It supports use replaceable interface cable by RJ45 phone jack; different interface can be interchangeable just by changing cable. It is simplified installation and integration and good to lessen your inventory load.

It supports to connect RS232 interface directly to your PC by Pin 9 with 5V power without external power adapter.

#### 3. User Friendly and PnP design

The Intuitive scanning and plug and play design can be used directly with your computer without additional device. BD-388III is enhanced with Auto Sensor function for hand-free operation to lengthen the optical life. Furthermore, the ergonomic and gun type design body offers maximum comfort for every day use.

## 4. Built with professional decoder

BD-388III is built with enhanced scan rate and faster decoding (increased 20% more speed) ability. It supports USB downloading/ uploading and re-set functions.





#### Technical Specifications

Model	BD-388III series	Electrical		
Optical		Interface		RS232, KB, USB
Light Source	635 nm	Connector		RJ 45C 10Pins
Sensor	Linear CCD Sensor	Voltage		DC +5V ±5%
Processor	ARM Cortex -M3, 32 bit	Operating Cu	ırrent	165 – 175mA
Scanning Speed	500 scans/sec ±10%	Standby Curr	rent	50mA
Depth of Field	400mm @ 20mil, PCS 90%	Environmen	nt	
Ambient Light	10,000 Lux Max. @ Direct sun light	Operating Te	mperature	0°C to 50°C (32°F to 122°F)
Reading Perform	nance	Storage Temp	perature	-20°C to 70°C (-4°F to 158°F)
Symbologies	All UPC/EAN/JAN, EAN128 Code,	Relative Hum	ridity	20% to 95% (Non-condensing)
	Code 39, Code 39 Full ASCII, Code 32 /	Physical		
	Italian Pharmacy, Code 128,	Material	ABS Plas	tic & Rubber
	CODABAR/NW7, Interleave 25,	Weight	Approx 1	30g
	Industrial 25, Matrix 25, MSI/PLESSEY,	Dimension		x 85(mm)

## PIN ASSIGNMENTS

4mil @ PCS90%

45% @ 5mil

Telepen, Code 93, Code 11, China

Postage, Code 26, LCD25, GS1 DataBar

## Decoder Data Output (Type RJ45 10P)

Resolution

PSC

Pin No.	Function		
1	RTS		
2	HOST DATA		
3	GND		
4	HOST CLK		
5	Vec (+5V)		
6	KB CLK		
7	TXD		
8	KB DATA		
9	RXD		
10	CTS		

# RS-232 interface

DB 9 Female			
Pin No.	Function		
2	TXD		
3	RXD		
5	GND		
7	CTS		
8	RTS		
9	Vcc/+5V		
Power Lead	Vec#5V		

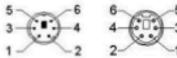
# Keyboard interface

Durability

Drop test

Life Time

1	rejoonia mierinee						
	Mini DIN 6 MALE			Mini DIN 6 FEMAL			
	Pin No.	Function		Pin No.	Function		
	1	HOST DATA		1	KB DATA		
	3	GND		3	GND		
	4	Vcc (+5V)		4	Vec (+5V)		
	5	HOST CLK		5	KB CLK		
				0			



# USB interface

120cm (47inch) Drop on Concrete Surface

Light Source: 40,000 hours; Trigger Switch:

1,000,000 times; MTBF: 80,000 hours

USB A Type Male			
Pin No.	Function		
1	Vcc		
2	D-		
3	D+		
4	GND		



