



**Experts in retail and restaurant
IT solutions**



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Hand Held Barcode Reader

Birch BZ-188



Technical specification

Model	BZ-188BU
Optical	
Scan Width	180 mm @ PCS 90%
Light Source	660 nm
Sensor	Linear Imager CCD Sensor
Scanning Speed	200 scans/sec
Depth of Field	175mm @ 13mil, PCS 90%
Ambient Light	5,000 Lux Max. @ Direct sun light
Reading Performance	
Symbologies	All UPC/EAN/JAN (EAN13, EAN8,UPC-A, UPC-E , EAN128), Code 39, Full ASCII Code 39, Code32, Code 128, CODABAR/NW7, Interleave 25, Standard 25, Industrial 25, Matrix 25, MSI/PLESSEY, Telepen, Code 93, Code 11, China Postage, Code, IATA, Italian Pharmacy Code, RSS 14, RSS Limited, RSS Expanded
Resolution	4mil (0.1mm)
PCS	0.6 PCS value
Electrical	
Interface	USB HUD
Voltage	DC +5V \pm 5%
Operating Current	100 – 120mA
Standby Current	20 – 30mA
Environment	
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-25°C to 60°C (-13°F to 140°F)
Relative Humidity	10% to 90% (Non-condensing)
Physical	
Material	ABS Plastic & Rubber
Weight	Approx 290g
Dimension	160 x 60 x 86(mm)
Durability	
Drop test	100cm (40inch) Drop on Concrete Surface

Ordering information

BZ-188BU: Cost-effective linear imager scanner, Black, USB