

URP-BH100 Series

HANDHELD 2D BARCODE SCANNER



Features

- **Powerful Data Editing Capabilities:** The scanner enables customizing scanned data with ease and provides supporting software to address diverse application needs.
- **User-Friendly Dual-Color illumination:** The URP-BH100 combines both red and white LEDs and the ability to use them separately or together to meet the lighting requirements of various applications.
- **Durable Construction:** The IP42-sealed and drop resistant (1.5m) housing can stand up to tough environments.
- **Ideal On-screen Barcode Scanning Solution:** Scans on-screen barcodes even when the screen is covered with protective film or set to its lowest brightness level.

Specifications

Performance	Image Sensor	1280 x 800 (megapixel) CMOS
	Illumination	Red/White LED
	Aiming	Green LED
	Symbologies	ID EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128, Code93, ITF-6, ITF-1, Interleaved 2 of 5, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5, GSI Databar, Code 39
		2D PDF417, QR Code, Data Matrix, Aztec, Maxicode, etc.
		Postal USPS Postnet, Royal Mail, KIX Post, Australian Postal, etc.
	Resolution*	≥3mil
	Typical Depth of Field*	EAN-13 55-570mm (13mil)
		Code 39 115-170mm (5mil)
		PDF 417 85-225mm (6.7mil)
		Data Matrix 65-305mm (10mil)
		QR Code 25-395mm (15mil)
Physical	Scan Angle**	Pitch: ±55°, Skew: ±55°, Roll: 360°
	Field of View	Horizontal 39°, Vertical 24°
	Min Symbol Contrast*	25%
	Interface	USB
	Operating Voltage	5 V _{DC} ±5%
	Rated Power Consumption	1289.6 mW (typical)
	Current@5V _{DC}	Operating 238.2 mA (typical), 260.5 mA (max.) Idle 71.3 mA
Environmental	Dimensions (L x W x H)	13.5(W) x 73.3(D) x 159.0(H) mm
	Weight	162g
	Notification	Beep, LED
	Operating Temperature	-20°C to 60°C (-4°F to 140°F)
	Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Certificates	Humidity	5 ~ 95% (non-condensing)
	ESD	+15 KV (air discharge); +8 KV (contact discharge)
	Drop	1.5m
	Sealing	IP42
	Certificates Protection	FCC Part15 Class B, CE EMC Class B, RoHS

Ordering Information

Part No.	Description
URP-BH100-B000	HR32, CMOS, 1280*800, 2D hand-held scanner, USB, black

