

# H289U-2770

## IMAGE-BASED BARCODE SCANNER

H289U-2770 is a medium-performance handheld image-based barcode scanner with advanced decoding algorithms and optics component. Employs the latest HEROJE self-developed scan engine, provides powerful decoding capacity of reading 1D liner barcode and 2D barcodes, even screen barcodes. Can read all challenges of “hard to read” codes in retail check-out applications, such as damaged, wrinkle, tiny barcodes and more. Powerful hardware provides more flexible customization ability as well. Greatly improve the work efficiency. It’s undoubtedly an efficient and necessary model for retail and service fields that need to read more uncertain barcodes and different application scenarios..



### • Ergonomic Design

Makes the scanner more beautiful lines and excellent feeling of grip.



### • Feedback

Indicator light + buzzing feedback whether scanning is successful.



### • IP54 Sealing

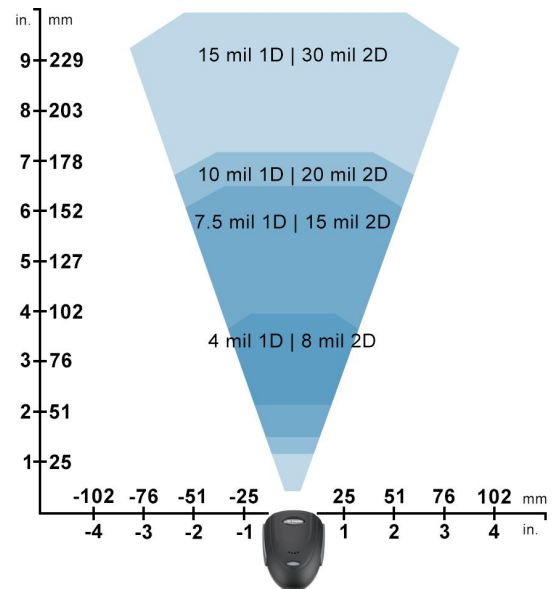
High-quality injection molding and high-quality material make it more rugged and reliable.



### • Hands-Free Mode

Trigger/ Automation/ Presentation modes. Three modes are available setting for different work requires.

## \*Depth Of Field, Reading Range



Typical 1D mil size	Depth of Field (mm)	
	Inside	Outside
4	10	100
7.5	30	165
10	40	185
15	55	260
20	80	330
30	85	440
50	75	480

\*Note: Minimum 1D element is typically 1/2 the size of minimum 2D element.  
Example: 10mil 2D = 5mil 1D

# TECHNICAL PARAMETERS

<b>Model:</b>	<b>H289U-2770</b>
1D Codes:	▲
	EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128, Code93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5, GS1 Databar, Code 39, Code 11, MSI-Plessey, Plessey, etc
2D Codes:	▲
	PDF417, QR Code, Data Matrix, Aztec, Maxicode, etc
Postal Codes:	▲
Optical System:	CMOS
Resolution:	752*480
Light Source:	650nm LED
Illumination:	White LED
Aiming:	Red Triangle
Recognition Accuracy:	4mil
Min. Contrast:	20%
Scan Angle:	Roll: 360° , Pitch: ±60° , Skew: ±65°
Depth of Field:	Code39 (4mil) 20mm~50mm Code128 (5mil) 15mm – 79mm QR Code (10mil) 7mm – 83mm EAN-13 (13mil) 35mm – 225mm Code128 (20mil) 15mm - 172mm Code128 (50mil) 80mm - 520mm
Interfaces:	USB/ RS-232(option)
Cable Length:	150cm
Dimensions:	80 x 85 x 150mm (LxWxH)
Weight:	185g
Material:	ABS+TPU Plastic
Feedback:	Beep, LED indicator
Drop:	1.5m
Sealing:	IP54
Operating Voltage:	5VDC±5%
Electric Current:	Operating: 190mA±10mA , Standby: 10mA
Operating Temperature:	Operating: 0°C to 50°C (32°F to 122°F); Storage: -4°C to 70°C (-40°F to 158°F)
Humidity:	5%~95% (non-condensing)
Certifications:	FCC Part 15 Subpart B Class B, CE EMC 2014/30/EU, RoHS 2011/65/EU

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