



**HR4280 BT  
Halibut**  
handheld scanners

## Features

### Strong Wireless Connectivity.

The HR4280 BT Halibut comes equipped with Bluetooth 5.0, giving you the freedom to scan barcodes up to 50 meters away from the cradle. Energy efficiency, quick data rate and easy pairing are just a few of the perks of this Bluetooth connection.

### Extensive Capabilities.

In addition to excelling at scanning high density barcodes, the HR4280 BT Halibut extends its data capture capabilities by also providing the added value of postal barcode decoding.

### Superior Megapixel Performance.

Thanks to its 1280x960 pixel CMOS sensor, the HR4280 BT Halibut easily captures high resolution images and brings the scanning performance to a whole new level.

### Exceptional Aiming & Illumination.

Designed with the user in mind, the HR4280 BT Halibut utilizes a highly visible laser aimer in order to achieve an accurate target. Along with the laser aiming capabilities, there is a flicker-free, soft white illumination to reduce fatigue during demanding activities.

### IR Sensor.

Even when barcodes are presented 40cm away from the HR4280 BT Halibut, the IR sensor is activated.

### Rugged Industrial Construction.

Built for tough environments, the HR4280 BT Halibut is built into an IP42 sealed and drop resistant (1.8M) housing.

## Application Scenarios



# HR4280 BT Halibut technical specifications

<b>Performance</b>	Memory Flash	900KB
	Image Sensor	1280x960 CMOS
	Illumination	White LED
	Aiming	650nm laser diode
	Depth of Field EAN13 (13mil)	25mm-155mm
	Depth of Field CODE 39 (5mil)	50mm-100mm
	Depth of Field PDF417 (6.67mil)	40mm-105mm
	Depth of Field Data Matrix (10mil)	40mm-110mm
	Depth of Field QR (15mil)	35mm-155mm
	Minimal Print Contrast	25%
	Scan Angle Roll	360°
	Scan Angle Pitch	±50°
	Scan Angle Skew	±50°
	Field of View Horizontal	40.5°
	Field of View Vertical	30.4°
	Scan Modes	Automatic Batch, Manual Batch
	Motion Tolerance	2m/s
<b>Data capture</b>	1D	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	PDF417, QR Code, Data Matrix, Aztec, Maxicode, etc.
<b>Physical</b>	Dimensions (mm)	Scanner: 115.0(L)x74.0(W)x161.0(H)mm Cradle: 195.0(L)x82.5(W)x47.2(H)mm
	Weight	Scanner:230g Cradle: 146g
	Interfaces	RS-232, USB
	Battery Type	3200mAh lithium-ion battery
	Expected Battery Life	≥ 14 hours of continuous operation, up to 30,000 scans per charge
	Expected Charge Time	4 hours
	Notifications	Beep, LED, vibration
Power Consumption	2160mW (typical)	
<b>Environmental</b>	Operating Temperature	-20°C to 50°C (-4°F to 122°F)
	Storage Temperature	-40°C to 70°C (-40°F to 158°F)
	Humidity	5% to 95% (non-condensing)
	Electro Static Discharge (ESD)	±16KV (air discharge), ±8KV (direct discharge)
	Drop	1.8m
Sealing	IP42	
<b>Wireless</b>	WPAN Radio	2.4 to 2.2835 GHz ISM Band, Bluetooth 5.0, BLE
	Communication Distance	50m (in open space)
	Communication Modes	Automatic Batch and Manual Batch modes
<b>Device Management</b>	Software	Nset (configuration)
<b>Certifications</b>	Certifications	FCC Part 15 Class B, CE EMC Class B
<b>Warranty</b>	Warranty	3 years