













1.5m drop



bluetooth











# **Features**

#### Fantastic Performance.

With an outstanding CPU, the HR3280 BT Marlin II effortlessly captures high-density, high-volume and distorted barcodes that are printed on paper or displayed on screen.

## Reliable Wireless Connection.

Adopting the latest Bluetooth 5.0 technology, the HR3280 BT Marlin II is able to maintain a strong, anti-interference connection to transmit data.

### Powerful Data Editing.

The HR3280 BT Marlin II allows you to customize the decoding mode though the data editing preset.

# Impressive compatibility.

The low consumption of the HR3280 BT Marlin II helps to reduce connection issues and maximizes the compatibility for many applications.

## Calm Illumination.

To fit in to its environment, the LED illumination of the HR3280 BT Marlin II can be set to white or red. The calm illumination not only relieves visual fatigue but also improves efficiency.

# **Application Scenarios**







inventory

logistics

retail

# HR3280 BT Marlin II technical specifications

Performance	Memory Flash	≥15000 pieces Code 128 (20 byte of each code 128)
	Image Sensor	1280x800 CMOS
	Illumination	White LED & Red LED
	Aiming	Green LED
	Depth of Field EAN13 (13mil)	50mm-495mm
	Depth of Field CODE 39 (5mil)	85mm-220mm
	Depth of Field PDF417 (6.67mil)	70mm-215mm
	Depth of Field Data Matrix (10mil)	50mm-220mm
	Depth of Field QR (15mil)	20mm-325mm
	Minimal Print Contrast	25%
	Scan Angle Roll	360°
	Scan Angle Pitch	±55°
	Scan Angle Skew	±55°
	Field of View Horizontal	39°
	Field of View Vertical	24°
	Motion Tolerance	Max. 50 cm/s/19.7 in/s
Data capture	1D	EAN-8, EAN-13, UPC-E, UPC-A, Code128, Coupon, UCC/EAN128, CodaBar, I2Of5, Febraban, ITF14, ITF6, Matrix 25, Code39, Code93, ISSN, ISBN, Industrial 25, Standard 25, China Posy 25, Plessey, Code 11, MSI Plessey, UCC/EAN Composite, GS1 Databar, Code 49, Code 16K, AIM 128, ISBT 128
	0.0	
	2D	PDF417, MicroPDF417, QR Code, Micro QR Code, Aztec, Data Matrix, Chinese Sensible Code, Maxicode
Physical	Dimensions (mm)	PDF417, MicroPDF417, QR Code, Micro QR Code, Aztec, Data Matrix, Chinese Sensible Code, Maxicode  Scanner: 113.5(W)x73.3(D)x159.0(H)mm
Physical		
Physical	Dimensions (mm)	Scanner: 113.5(W)x73.3(D)x159.0(H)mm
Physical	Dimensions (mm) Weight	Scanner: 113.5(W)x73.3(D)x159.0(H)mm Scanner: 217g
Physical	Dimensions (mm) Weight Interfaces	Scanner: 113.5(W)x73.3(D)x159.0(H)mm  Scanner: 217g  RS-232, USB
Physical	Dimensions (mm) Weight Interfaces Battery Type	Scanner: 113.5(W)x73.3(D)x159.0(H)mm  Scanner: 217g  RS-232, USB  2200mAh lithium-ion battery
Physical	Dimensions (mm) Weight Interfaces Battery Type Expected Battery Life	Scanner: 113.5(W)x73.3(D)x159.0(H)mm  Scanner: 217g  RS-232, USB  2200mAh lithium-ion battery  ≥12 hours of continuous operation (scan once per 6 seconds)
Physical	Dimensions (mm) Weight Interfaces Battery Type Expected Battery Life Expected Charge Time	Scanner: 113.5(W)x73.3(D)x159.0(H)mm  Scanner: 217g  RS-232, USB  2200mAh lithium-ion battery  ≥12 hours of continuous operation (scan once per 6 seconds) ≤4 hours
Physical  Environmental	Dimensions (mm) Weight Interfaces Battery Type Expected Battery Life Expected Charge Time Notifications	Scanner: 113.5(W)x73.3(D)x159.0(H)mm  Scanner: 217g  RS-232, USB  2200mAh lithium-ion battery  ≥12 hours of continuous operation (scan once per 6 seconds)  ≤4 hours  Beep, LED indicator
	Dimensions (mm) Weight Interfaces Battery Type Expected Battery Life Expected Charge Time Notifications Input Voltage	Scanner: 113.5(W)x73.3(D)x159.0(H)mm  Scanner: 217g  RS-232, USB 2200mAh lithium-ion battery ≥12 hours of continuous operation (scan once per 6 seconds) ≤4 hours  Beep, LED indicator  5VDC±5%
	Dimensions (mm) Weight Interfaces Battery Type Expected Battery Life Expected Charge Time Notifications Input Voltage Operating Temperature	Scanner: 113.5(W)x73.3(D)x159.0(H)mm  Scanner: 217g  RS-232, USB  2200mAh lithium-ion battery  ≥12 hours of continuous operation (scan once per 6 seconds)  ≤4 hours  Beep, LED indicator  5VDC±5%  -20°C to 60°C (-4°F to 140°F)
	Dimensions (mm) Weight Interfaces Battery Type Expected Battery Life Expected Charge Time Notifications Input Voltage Operating Temperature Storage Temperature Humidity	Scanner: 113.5(W)x73.3(D)x159.0(H)mm  Scanner: 217g  RS-232, USB 2200mAh lithium-ion battery ≥12 hours of continuous operation (scan once per 6 seconds) ≤4 hours  Beep, LED indicator  5VDC±5%  -20℃ to 60℃ (-4°F to 140°F)  -40℃ to 70℃ (-40°F to 158°F)
	Dimensions (mm) Weight Interfaces Battery Type Expected Battery Life Expected Charge Time Notifications Input Voltage Operating Temperature Storage Temperature Humidity Electro Static Discharge	Scanner: 113.5(W)x73.3(D)x159.0(H)mm  Scanner: 217g  RS-232, USB  2200mAh lithium-ion battery  ≥12 hours of continuous operation (scan once per 6 seconds)  ≤4 hours  Beep, LED indicator  5VDC±5%  -20°C to 60°C (-4°F to 140°F)  -40°C to 70°C (-40°F to 158°F)  5% to 95% (non-condensing)
	Dimensions (mm) Weight Interfaces Battery Type Expected Battery Life Expected Charge Time Notifications Input Voltage Operating Temperature Storage Temperature Humidity Electro Static Discharge (ESD)	Scanner: 113.5(W)×73.3(D)×159.0(H)mm  Scanner: 217g  RS-232, USB  2200mAh lithium-ion battery  ≥12 hours of continuous operation (scan once per 6 seconds)  ≤4 hours  Beep, LED indicator  5VDC±5%  -20°C to 60°C (-4°F to 140°F)  -40°C to 70°C (-40°F to 158°F)  5% to 95% (non-condensing)  ±8KV (air discharge); ±4KV (direct discharge)
	Dimensions (mm) Weight Interfaces Battery Type Expected Battery Life Expected Charge Time Notifications Input Voltage Operating Temperature Storage Temperature Humidity Electro Static Discharge (ESD) Drop	Scanner: 113.5(W)x73.3(D)x159.0(H)mm  Scanner: 217g  RS-232, USB  2200mAh lithium-ion battery  ≥12 hours of continuous operation (scan once per 6 seconds)  ≤4 hours  Beep, LED indicator  5VDC±5%  -20°C to 60°C (-4°F to 140°F)  -40°C to 70°C (-40°F to 158°F)  5% to 95% (non-condensing)  ±8KV (air discharge); ±4KV (direct discharge)  Scanner: 1.5m Cradle: 1m
Environmental	Dimensions (mm) Weight Interfaces Battery Type Expected Battery Life Expected Charge Time Notifications Input Voltage Operating Temperature Storage Temperature Humidity Electro Static Discharge (ESD) Drop Sealing	Scanner: 113.5(W)x73.3(D)x159.0(H)mm  Scanner: 217g  RS-232, USB  2200mAh lithium-ion battery  ≥12 hours of continuous operation (scan once per 6 seconds)  ≤4 hours  Beep, LED indicator  5VDC±5%  -20°C to 60°C (-4°F to 140°F)  -40°C to 70°C (-40°F to 158°F)  5% to 95% (non-condensing)  ±8KV (air discharge); ±4KV (direct discharge)  Scanner: 1.5m Cradle: 1m  IP42
Environmental	Dimensions (mm) Weight Interfaces Battery Type Expected Battery Life Expected Charge Time Notifications Input Voltage Operating Temperature Storage Temperature Humidity Electro Static Discharge (ESD) Drop Sealing WPAN Radio Communication	Scanner: 113.5(W)x73.3(D)x159.0(H)mm  Scanner: 217g  RS-232, USB  2200mAh lithium-ion battery ≥12 hours of continuous operation (scan once per 6 seconds) ≤4 hours  Beep, LED indicator  5VDC±5%  -20°C to 60°C (-4°F to 140°F) -40°C to 70°C (-40°F to 158°F)  5% to 95% (non-condensing) ±8KV (air discharge); ±4KV (direct discharge)  Scanner: 1.5m Cradle: 1m  IP42  Bluetooth 5.0
Environmental	Dimensions (mm) Weight Interfaces Battery Type Expected Battery Life Expected Charge Time Notifications Input Voltage Operating Temperature Storage Temperature Humidity Electro Static Discharge (ESD) Drop Sealing WPAN Radio Communication Distance	Scanner: 113.5(W)x73.3(D)x159.0(H)mm  Scanner: 217g  RS-232, USB  2200mAh lithium-ion battery  ≥12 hours of continuous operation (scan once per 6 seconds)  ≤4 hours  Beep, LED indicator  5VDC±5%  -20°C to 60°C (-4°F to 140°F)  -40°C to 70°C (-40°F to 158°F)  5% to 95% (non-condensing)  ±8KV (air discharge); ±4KV (direct discharge)  Scanner: 1.5m Cradle: 1m  IP42  Bluetooth 5.0  ≥50m (direct line of sight in open air)

