



**HR42 HD  
Halibut**  
handheld scanners

## Features

### Scan virtually any barcode.

Streamline and optimize your production line with the HR42-HD Halibut. Using advanced technology, the device enhances the scanning of virtually every 1D and 2D barcode printed on paper, plastic and metal, as well as a range of direct part marks (DPMs).

### Unrivaled performance.

With its megapixel camera, the HR42-HD Halibut raises the bar for handheld scanners. It is able to read small, dense barcodes and damaged barcodes faster and more accurately, ensuring maximum productivity no matter what.

### User-friendly aiming technology.

Designed with the end user in mind, the HR42-HD has a crisp and accurate laser aimer for point-and-shoot scanning.

### Rock-solid architecture.

Your employees can confidently use the HR42-HD Halibut all day everyday due to its drop resistant housing (1.8m). Designed for light industrial environments, the HR42-HD Halibut just works, even if they bump or drop it.

### Available with auto-sense stand for hands-free applications.

### Application scenarios.

Light-industrial applications, including electronic assembly, production line, healthcare, postal and financial.

## Application Scenarios



healthcare



industrial



logistics



manufacturing



postal



retail

# HR42 HD Halibut technical specifications

<b>Performance</b>	Processor	DDR3,800Mhz
	Image Sensor	CMOS 1280×960
	Illumination	White LED
	Aiming	650nm laser diode
	Depth of Field EAN13 (13mil)	25-155mm
	Depth of Field CODE 39 (5mil)	50-100mm
	Depth of Field PDF417 (6.67mil)	40-105mm
	Depth of Field Data Matrix (10mil)	40-110mm
	Depth of Field QR (15mil)	35-155mm
	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	Level Mode, Sense Mode, Continuous Mode, Batch Mode
	Scan Rate	60 frames per second
	Motion Tolerance	2m/s
	<b>Data capture</b>	1D
2D		PDF417, QR Code, Data Matrix, Aztec, Maxicode, etc
<b>Physical</b>	Dimensions (mm)	115(L)×74(W)×161(H)mm
	Weight	173g
	Material	PC, ABS
	Buttons	Trigger
	Interfaces	RS-232, USB
	Notifications	Beep, LED indicator
	Input Voltage	5VDC±5%
	Current @ 5VDC Operating	266mA (typical), 344mA (max.)
	Current @ 5VDC Standby	109mA
	Power Consumption	1251mW (typical)
Power Supply Input	DC5V, 1.5A	
Power Supply Output	AC100~240V, 50~60Hz	
<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%~95% (non-condensing)
	Electro Static Discharge (ESD)	±8 KV (direct discharge); ±16 KV (air discharge)
	Drop	1.8m
Sealing	IP42	
<b>Device Management</b>	Software	Nset (configuration)
<b>Certifications</b>	Certifications	FCC Part15 Class B, CE EMC Class B, IEC 60825-1, KC
<b>Warranty</b>	Warranty	5 years