Newland

SCANNING MADE SIMPLE

1d	2d	dpm	megapixel	chip	ip42

1.8m drop	usb	rs232

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

Performance	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
Data capture	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
Physical	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
Environmental	Operating Temperature	-20℃ to 50℃ (-4°F to 122°F)
	Storage Temperature	-40℃ to 70℃ (-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
Device Management	Software	Nset (configuration)
Certifications	Certifications	FCC Part15 Class B, CE EMC Class B,IEC 60825-1,KC
Warranty	Warranty	5 years

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