













ip42



1.8m drop







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













postal



retail

HR42 HD Halibut technical specifications

Image Sensor	Performance	Processor	DDR3,800Mhz
Illumiation		Image Sensor	
Public of Field EAN13 (1.3mil) Depth of Field CDE 39 50-100mm (5mil) Depth of Field DDE 417 40-105mm (6.67mil) Depth of Field DBE 417 40-110mm (6.67mil) Depth of Field DBE 418 40-110mm (4.667mil) Depth of Field DBE 418 Depth o			White LED
(13mi) Depth of Field CODE 39 50-100mm (5mii) Depth of Field DPF417 40-105mm (6.67mii) Depth of Field DPF417 40-105mm (6.67mii) Depth of Field DR 4 40-110mm Matrix (10mii) Depth of Field QR (15mii) 35-155mm (15mina) 7mina)		Aiming	650nm laser diode
Depth of Field CDE 39 50-100mm			25-155mm
Depth of Field DF417 40-105mm 40-110mm 40-110mm		Depth of Field CODE 39	50-100mm
Puth of Field Data Matrix (10mil) Depth of Field QR (15mil) 35-155mm Minimal Print Contrast 25% 26m 26m		Depth of Field PDF417	40-105mm
Minimal Print Contrast 25% Scan Angle Print 360° Scan Angle Print 550° Scan Angle Print 550° Scan Angle Print 40.5° Field of View Horizontal 40.5° Field of View Horizontal 40.5° Scan Modes Level Mode, Sense Mode, Continuous Mode, Batch Mode Scan Rate 60 frames per second Motion Tolerance 2m/s Scan Rate 60 frames per second Motion Tolerance 2m/s Scan Rate 60 frames per second Motion Tolerance 2m/s Scan Botton Tolerance 2m/s Scan Bo		Depth of Field Data	40-110mm
Scan Angle Roll 360° 50°		Depth of Field QR (15mil) 35-155mm
Scan Angle Pitch 550° Scan Angle Skew 550° Scan Angle Skew 550° Field of View Horizontal 40.5° Field of View Vertical 30.4° Scan Modes Level Mode, Sense Mode, Continuous Mode, Batch Mode Scan Modes Level Mode, Sense Mode, Continuous Mode, Batch Mode Scan Modes Continuous Mode, Batch Mode Continuous Mode,		Minimal Print Contrast	25%
Scan Angle Skew Field of View Horizontal 40.5° Field of View Horizontal 30.4° Scan Modes Evel Mode, Sense Mode, Continuous Mode, Batch Mode Scan Rate 60 frames per second Motion Tolerance 2m/s Data capture 1D		Scan Angle Roll	360°
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		Scan Angle Pitch	±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			±50°
Scan Modes			40.5°
Scan Rate 60 frames per second Motion Tolerance 2m/s		Field of View Vertical	30.4°
Motion Tolerance		Scan Modes	Level Mode, Sense Mode, Continuous Mode, Batch Mode
Data capture 1D EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128, Code 93, 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. 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 266mA (typical), 344mA (max.) Qoperating Current © 5VDC Standby 109mA Power Supply Input DC5V, 1.5A Power Supply Output AC100~240V, 50~60Hz Environmental 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		Scan Rate	60 frames per second
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 266mA (typical), 344mA (max.) Operating Current @ 5VDC Standby 109mA Power Consumption 1251mW (typical) Power Supply Input DC5V, 1.5A Power Supply Output AC100~240V, 50~60Hz Environmental Poperating Temperature -40°C to 70°C (-40°F to 158°F) Humidity 5%~95% (non-condensing) Electro Static Discharge £8 KV (direct discharge); ±16 KV (air discharge) ESD Drop 1.8m		Motion Tolerance	2m/s
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 266mA (typical), 344mA (max.) Operating Current @ 5VDC Standby 109mA Power Consumption 1251mW (typical) Power Supply Input DC5V, 1.5A Power Supply Output AC100~240V, 50~60Hz	Data capture	1D	
Weight 173g Material PC, ABS Buttons Trigger Interfaces RS-232, USB Notifications Beep, LED indicator Input Voltage 5VDC±5% Current @ 5VDC 266mA (typical), 344mA (max.) Operating 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°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 £8 KV (direct discharge); ±16 KV (air discharge) (ESD) Drop 1.8m		2D	
Material PC, ABS Buttons Trigger Interfaces RS-232, USB Notifications Beep, LED indicator Input Voltage 5VDC±5% Current @ 5VDC 266mA (typical), 344mA (max.) Operating 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°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) Drop 1.8m	Physical	Dimensions (mm)	115(L)×74(W)×161(H)mm
Buttons Trigger Interfaces RS-232, USB Notifications Beep, LED indicator Input Voltage 5VDC±5% Current @ 5VDC 266mA (typical), 344mA (max.) Operating Current @ 5VDC Standby 109mA Power Consumption 1251mW (typical) Power Supply Input DC5V, 1.5A Power Supply Output AC100~240V, 50~60Hz Environmental Operating Temperature -40°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) Drop 1.8m	,	Weight	173g
Interfaces RS-232, USB Notifications Beep, LED indicator Input Voltage 5VDC ±5% Current @ 5VDC 266mA (typical), 344mA (max.) Operating Current @ 5VDC Standby 109mA Power Consumption 1251mW (typical) Power Supply Input DC5V, 1.5A Power Supply Output AC100~240V, 50~60Hz		Material	
Notifications Beep, LED indicator Input Voltage 5VDC±5% Current @ 5VDC 266mA (typical), 344mA (max.) Operating Current @ 5VDC Standby 109mA Power Consumption 1251mW (typical) Power Supply Input DC5V, 1.5A Power Supply Output AC100~240V, 50~60Hz		Buttons	Trigger
Input Voltage 5VDC 266mA (typical), 344mA (max.) Operating 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°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) Drop 1.8m		Interfaces	RS-232, USB
Current @ 5VDC 266mA (typical), 344mA (max.) Operating 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°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) Drop 1.8m		Notifications	Beep, LED indicator
Operating 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°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) Drop 1.8m		Input Voltage	5VDC±5%
Power Consumption 1251mW (typical) Power Supply Input DC5V, 1.5A Power Supply Output AC100~240V, 50~60Hz Environmental 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) Drop 1.8m		_	266mA (typical), 344mA (max.)
Power Supply Input Power Supply Output AC100~240V, 50~60Hz Environmental 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) Drop 1.8m		Current @ 5VDC Standby	y 109mA
Environmental 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) Drop 1.8m		Power Consumption	1251mW (typical)
Environmental 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) Drop 1.8m		Power Supply Input	DC5V, 1.5A
Storage Temperature -40°C to 70°C (-40°F to 158°F) Humidity 5%~95% (non-condensing) Electro Static Discharge ±8 KV (direct discharge); ±16 KV (air discharge) (ESD) Drop 1.8m		Power Supply Output	AC100~240V, 50~60Hz
Humidity 5%~95% (non-condensing) Electro Static Discharge ±8 KV (direct discharge); ±16 KV (air discharge) (ESD) Drop 1.8m	Environmental	Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Electro Static Discharge ±8 KV (direct discharge); ±16 KV (air discharge) (ESD) Drop 1.8m		0 1	
(ESD) Drop 1.8m		Humidity	
		0	±8 KV (direct discharge); ±16 KV (air discharge)
		Drop	1.8m
Sealing IP42		Sealing	IP42
Device Management Software Nset (configuration)		Software	Nset (configuration)
Certifications Certifications FCC Part15 Class B, CE EMC Class B, IEC 60825-1, KC	Certifications	Certifications	FCC Part15 Class B, CE EMC Class B,IEC 60825-1,KC
Warranty Warranty 5 years	Warranty	Warranty	5 years



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