



NVH300 Angler HD

Industrial Handheld Scanners

-  1.8m drop
-  1D & 2D
-  Acuscan
-  DPM
-  Dual Interface
-  IP42
-  Laser aimer
-  Megapixel
-  Nset
-  Warranty 5 Years



Features

New Vision

The NVH300 Angler HD is the first of Newland's New vision barcode readers designed for high-end and specialist scanning requirements that include an element or combination of industrial protection, high-density and DPM code reading acumen.

High-Density

NVH300 Angler HD megapixel scan engine is focused to read high-density 1D and 2D barcodes. Applications for small printed 2D codes are ideal for the NVH300 Angler HD scanner.

Dual Light Options

The NVH300 Angler HD uses white and red light in combination (or isolation) to help combat the challenges faced by different contrasts and reflections of HD barcodes. Codes printed on Metallic surfaces or printed using metallic inks on items like printed circuit boards are ideal challenges for the NVH300 Angler HD.

Nset

Newlands's new vision range of scanners is accompanied by its own advanced configuration software. NSet is a high-density and DPM feature-packed version of our Easyset configuration software.

Rugged Housing

The NVH300 Angler HD can take multiple drops to 1.8m. Workbenches or part of a fast-paced production and engineering environment are comfortable places for the NVH300 Angler HD to perform securely in the knowledge that it will survive the bumps and knocks.

5 Years Full Warranty



TECHNICAL SPECIFICATIONS

NVH300 Angler HD

Data Capture

1D	All major 1D symbologies, including EAN-8, EAN-13, UPC-E, UPC-A, Code128, Coupon, UCC/E, AN128, CodaBar, I2Of5, Febraban, ITF14, ITF6, Matrix 25, Code39, Code93, ISSN, ISBN, Industrial 25, Standard 25, China Post 25, Plessey, Code 11, MSI Plessey, UCC/EAN Composite, GS1 Databar, Code 49, Code 16K, AIM 128, ISBT 128.
2D	All major 2D symbologies, including PDF417, Micro PDF417, QR Code, Micro QR Code, Aztec, Data Matrix, Chinese Sensible Code, Maxicode.
Aiming	Laser diode (650nm)

Depth of Field Code 39 (5mil)	18 mm - 90 mm
Depth of Field DataMatrix (10mil)	0 mm - 90 mm
Depth of Field QR (10mil)	0 mm - 90 mm
Field of View Horizontal	41°
Field of View Vertical	31°
Illumination	Diffuse: ring of red LEDs, Direct: White LED
Image Sensor	1280 x 960 CMOS
Minimal Print Contrast	20%
Motion Tolerance	2 m/s
Scan Angle Pitch	±60°
Scan Angle Roll	360°
Scan Angle Skew	±55°

Physical

Current @ 5VDC Operating	450 mA (typical), 475 mA (max)
Dimensions	76(W) x 107(D) x 185(H) mm
Input Voltage	5 VDC ±5%
Interfaces	USB, RS-232
Notifications	Beep, LED, Vibration
Power Consumption	2250 mW (typical)
Weight	235 g

Environmental

Drop	1.8 m
Electro Static Discharge (ESD)	±8 kV (direct discharge), ±16 kV (air discharge)
Humidity	5% to 95% (non-condensing)
IP Rating	IP42
Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)

Software

Configuration Tools	NSet
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Certifications

Certifications Hardware	CE EMC Class B, FCC Part 15 Class B, RoHS
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Warranty

Warranty Standard	5 Years
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Accessories

Charging/Power

ADP100 Power Supply for HR, FR, and FM Series (ADP100)

Cables

CBL017U RJ to USB-C Cable for HR, FR and FM Series (CBL017U)
CBL030UA USB Cable for HR12, HR32 and HR52 Series (CBL030UA)
CBL036UA USB Cable for HR, FM, and FR Series (CBL036UA)
CBL037R RS232 Cable for HR, FR, and FM Series (CBL037R)
CBL042UA USB Cable for HR, FM, and FR Series (CBL042UA)
CBL042UA V5.0 USB Cable for FM, and FR Series (CBL042UA V5.0)
CBL048U USB Cable for Ingenico iCT220 (CBL048U)
CBL105U USB White Cable for HR Series (CBL105U)
CBL128R Cable for Magellan Connection (CBL128R)

Peripherals

EX232 Remora (NLS-EX232-01)

Base Stations

NLS-STD-WM001 Wall Mount for HR Series (NLS-STD-WM001)
NLS-STD300 Smart Foldable Stand for NVH300 (NLS-STD300)

Newland AIDC EMEA

Feel free to contact us or a partner near you.
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Specifications are subject to change without notice
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