Newland AIDC
SCANNING MADE SIMPLE

1D & 2D | Dual Interface | DPM | Laser aimer | Acuscan | Megapixel

IP64 | 1.8M drop | Nset | Warranty 5 Years



NVH300 Angler DP

Handheld Scanners

Features

New Vision

The NVH300 Angler DP 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.

DPM Decoding

With a new generation of industrial decoding, the NVH300 Angler DP can read laser marked and dot peened barcodes on many types of surfaces. Surgical equipment, machinal engineering parts and printed circuit boards

Advanced illumination

The NVH300 Angler DP uses three different light sources to combat the contrast variances encountered from different materials marked by the DPM codes. The issues confronted by the reflection and distortion of barcodes can be negated by using different colored light projected from different angles.

Intelligent Configuration

The NVH300 Angler DP uses the three illumination colors it has and the angles of the light source with a level of intelligence by cycling through the options automatically after a short delay in attempting to scan a code. When the ideal light colors and angle combination is found, the NVH300 remembers the last setting for the following code.

Nset

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

Industrial Design

The NVH300 Angler DP is fortified inside and out. With an IP64 sealed housing and 1.8m drop specification, the NVH300 DPM is Newland's most formidable handheld scanner. Dirty, harsh environments are no deterrent to the NVH300 DPM. We back this up with a standard 5 Year warranty.





Suggested industries

Logistics | Manufacturing | Healthcare | Industrial

NVH300 Angler DP Technical specifications

Data Capture	
1D	All major 1D symbologies, including 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 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 QR Code, Data Matrix.
Image Sensor	1280x960 CMOS
Aiming	650nm laser diode
Illumination	Direct: White LED; Diffuse: Ring of red LEDs, Ring of blue LEDs
Depth of Field Code 39 (5mil)	18mm-90mm
Depth of Field DataMatrix (10mil)	0mm-90mm
Depth of Field QR (15mil)	0mm-90mm
Field of View Horizontal	41°
Field of View Vertical	31°
Scan Angle Roll	±60°
Scan Angle Roll	360°
Scan Angle Skew	±55°
Minimal Print Contrast	20%
Motion Tolerance	Max 2m/s (6.56ft/s)
Physical	
Current @ 5VDC Operating	450mA (typical), 475mA (max)
Dimensions (mm)	76(W) x 107(D) x 185(H) mm
Input Voltage	5VDC±5%
Interfaces	RS-232, USB
Notifications	Beep, LED indicator, vibration
Power Consumption	2250mW (typical)
Weight	245g
Environmental	
Operating Temperature	-20°C to 50°C (14°F to 122°F)
Storage Temperature	-40℃ to 70℃ (-40°F to 158°F)
Humidity	5% to 95% (non-condensing)
Electro Static Discharge (ESD)	±8 KV (direct discharge); ±16 KV (air discharge)
Drop	1.8m
IP Rating	IP64
Software	
Configuration Tools	NSet

Newland AIDC EMEA

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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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Certifications	
Hardware	FCC Part 15 Class B, CE EMC Class B
Warranty	
Standard	5 years

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