



NVH300 DP
handheld scanners

Features

DPM Decoding.

With a new generation of industrial decoding, the NVH300 DP has strong decoding ability for DPM barcodes.

Advanced Illumination.

The NVH300 DP is equipped with direct white illumination and red & blue diffuse ring lights. This lighting system is ready to scan all types of complex barcodes with different material, shapes, backgrounds and colors.

Intelligent Configuration.

The NVH300 DP is ready for use with an intelligent light source selection, which automatically adjusts to the light source. The pre-installed EasySetEX software provides an even greater variety of configuration options.

Industrial Design.

The NVH300 DP is fortified inside and out. With an IP64 sealed housing, no moving parts and a 1.8 meter drop rating, it is ready to be put to the test.



Application Scenarios



NVH300 DP technical specifications

| | | |
|--------------------------|------------------------------------|---|
| Performance | Image Sensor | 1280x960 CMOS |
| | Illumination | Direct: White LED; Diffuse: Ring of red LEDs, Ring of blue LEDs |
| | Aiming | 650nm laser diode |
| | Depth of Field CODE 39 (5mil) | 18mm-90mm |
| | Depth of Field Data Matrix (10mil) | 0mm-90mm |
| | Depth of Field QR (15mil) | 0mm-90mm |
| | Minimal Print Contrast | 20% |
| | Scan Angle Roll | 360° |
| | Scan Angle Pitch | ±60° |
| | Scan Angle Skew | ±55° |
| | Field of View Horizontal | 41° |
| | Field of View Vertical | 31° |
| | Motion Tolerance | Max 2m/s (6.56ft/s) |
| | Data capture | 1D |
| 2D | | QR Code, Data Matrix |
| Physical | Dimensions (mm) | 76(W) x 107(D) x 185(H) mm |
| | Weight | 245g |
| | Interfaces | RS-232, USB |
| | Notifications | Beep, LED indicator, vibration |
| | Input Voltage | 5VDC±5% |
| | Current @ 5VDC | 450mA (typical), 475mA (max) |
| | Operating Power Consumption | 2250mW (typical) |
| Environmental | Operating Temperature | -20°C to 50°C (14°F to 122°F) |
| | Storage Temperature | -40°C to 70°C (-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 |
| | Sealing | IP64 |
| Device Management | Software | EasySet (configuration) |
| Certifications | Certifications | FCC Part 15 Class B, CE EMC Class B |