



Newland NLS-OY20 2D Barcode Scanner

Type : **2D Wired Barcode Scanner**  
 Symbologies : **2D/1D**  
 Reading Mode: **CMOS**  
 Interface : **USB,PS2,RS232**  
 Wireless : **No**



**Technical Specifications**

<b>Performance</b>	Image Sensor	CMOS
	Image Size	640 x 480 Pixels
	Light Source	White LED
	Interfaces	RS232,USB
	Symbologies	1D: EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128 (FNC1, FNC2, FNC3), Code 93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5, GS1 Databar (RSS-Expand, RSS-Limited, RSS-14), Code 39, Code 11, MSI-Plessey, Plessey
		2D: PDF417, Data Matrix, QR Code QR Code
	Decoding Depth	3.5mil Code128 (9 Char) : : 1.5cm –3.5cm 5mil Code39 (20 Char) : 0.8cm –5.5cm 13mil UPC (12 Char) : : 0.7cm –16.5cm 20mil Code39 (5 Char) : : 3.5cm –21.0cm 6.7mil PDF417 (20 Char) : : 0.0cm –7.5cm 10 mil DM(20 Char) : : 0.0cm –11.5cm 20 mil QR(20 Char) : : 0.0cm –19.5cm



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	Print Contrast Signal	≥ 30%
	Case Material	PC+TPU
	Scan Angle	Pitch ±45°@ 0°Roll and 0° Skew Row360°@ 0°Pitch and 0° Skew Skew ±40°@ 0°Roll and 0° Pitch
<b>Mechanical/Electrical</b>	Power Consumption	0.31W
	Current	62-115.5mA ,30mA (idle)
	Input Voltage	5 ±10% DC
	Dimensions H x W x L	146mmx 68m x 101mm
<b>Environmental</b>	Weight	115g
	Operation Temperature	-20°C to 50°C
	Storage Temperature	-40°C to 70°C
	Drop	1.2m
	Sealing	IP42
	Humidity	5%~95% (non-condensing)