

# NAUTIZ X2 PISTOL GRIP LONG RANGE SCANNER

P/N: NX2-LRSCANNER

## PRODUCT FEATURES

- Integrates 3rd Gen Honeywell EX25 Near/Far 2D imager engine
- Allows for barcode reading from 15cm up to 15m
- SDK available
- User replaceable battery (5200 mAh)
- Charging cradle



## SPECIFICATION

<b>Design</b>	Technology	Auto-Focus 2D imager
	Light source	Auto-adaptive illumination: 617 nm highly visible LEDs
	Aimer	650nm class 2 Laser
<b>Scanning Performance</b>	Scan rate	Up to 30 frames/s auto adaptive
	Scan angle	14° (Horizontal), 8.7° (Vertical)
	Optical resolution	1280 (H) x 800 (V) pixels, 256 gray levels
	Min x. dimension	1D codes 0.075 mm (3 mils) 2D codes 0.167mm (6.6 mils)
	Print contrast	Down to 40%
<b>Symbologies</b>	1D symbologies	EAN/UPC, GS1 Databar (limited expanded & omnidirectional), RSS, Code 39, Code 128, UCC/EAN 128, ISBN, ISBT, Interleaved/ Matrix/ Industrial and Standard 2 of 5, Codabar, Code 93/93i, Code 11, MSI, Plessey, Telepen, postal codes (Australian Post, BPO, Canada Post, Dutch Post, Japan Post, PostNet, Sweden Post)
	2D symbologies	Data Matrix, PDF417, Micro PDF 417, Codablock , Maxicode, QR, Aztec, GS1 composite codes
<b>Environmental</b>	Ambient light	Works in any lighting conditions, from 0 to 100 000 lux
	Operating	-20° to 60° C (-4° to 140° F)
	Storage	-40° to 70°C (-40° to 158°F)
	Relative humidity	5% to 95% (non-condensing)
	Shock	2000G, 0.7ms, half sinus, 3 axes
	Vibration	8G r.m.s., from 10Hz to 500Hz, 2 hours/axis, 3 axes
<b>Regulatory Approvals</b>	UL, cUL, VDE, RoHS	
	Class 2 Laser	

### Typical reading distances

Typical reading distances measured at 20°C, 200 lux on A grade labels

Symbology	Density	Minimum Distance	Maximum Distance
Code 39	0.25 mm 10 mils	15 cm 5.91 in	135 cm 53.15 in
	0.5 mm 20 mils	16 cm 6.30 in	280 cm 110.24 in
	1 mm 40 mils	25 cm 9.84 in	550 cm 216.54 in
	1.4 mm 55 mils	40 cm 15.75 in	720 cm 283.46 in
	2.5 mm 100 mils	*	1200 cm 472.44 in
Code 128 retro-reflective	2.5 mm 100 mils	*	1300 cm 511.81 in
EAN 100%	0.33 mm 13 mils	15 cm 5.91 in	160 cm 62.99 in
DataMatrix	0.25 mm 10 mils	15 cm 5.91 in	90 cm 35.43 in
	0.76 mm 30 mils	25 cm 9.84 in	310 cm 122.05 in
	1.4 mm 55 mils	*	450 cm 177.17 in
	2.5 mm 100 mils	*	1100 cm 433.07 in
	7.62 mm 300 mils	20 cm 7.9in*	1524 cm 50 in

\*Depends on symbology length and scan angle