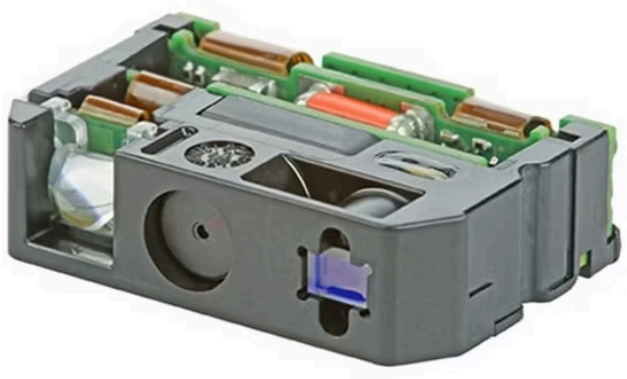
2D BARCODE SCAN ENGINES

N670X Series 2D Ultra Slim Scan Engine

N670X engines offer standard read range and exceptional motion tolerance in an ultra-compact form factor with low power consumption. Withstands extreme temperatures.

Overview



Honeywell Productivity Solutions and Services is now part of Brady Corporation.

Ultra-Slim, Undecoded 2D Imager, SR (Standard Range) and HD (High Density) Optics, Advanced Laser and LED Aimers The N670X Series 2D barcode scan engine is Honeywell's slimmest 2D imager. It is designed to provide higher performance and reliability, simplify integration into mobile devices, and enable increased barcode scanning speeds to meet higher-volume application requirements.

Parallel or MIPI interface availability helps simplify integration into mobile devices that require the most current, as well as traditional, processor interfaces. Its compact dimensions (6,8 mm [0.27 in] height x 16,2 mm [0.64 in] depth) free up more room for other technology integration.

Read range and readability have been leveled up in the N670X Series. Based on a 1 Mpx global shutter sensor, it can read Code 39 20 mils at 0,8 m [31.5 in] distance (SR optics typical read range) and provides an increased read range by 40% compared to its predecessor. Its white LED illumination enhances image capture accuracy while the HD optics allow reading of higher resolution codes (down to 2.5 mils on Code 39 1D barcodes and down to 5 mils Data Matrix and QR barcodes). Equipped with its HD Optics, the N670X can read the new DotCode for tobacco products traceability down to a resolution of 5 mils.

With notable maximum motion tolerance of 6 m/s [236 in/s], the N670X Series can read moving barcodes, enabling increased scanning speed and productivity. The choice of high brightness LED (2X brighter than the current system) and laser aiming systems provides the flexibility to better suit customer application requirements and environments while further improving the aimer visibility for the users. The lower typical power consumption (210 mA at 3.6 V, maximum) increases the battery life provided by a single charge.

This product is electrically backward-compatible with Honeywell's N660X Series and N360X Series, which all use the same connector, reducing integration time and design costs while increasing design flexibility and choice. All three scan engine families are considerably slim and can fit in compact enclosures, enabling you to offer two different levels of barcode scanning performance to your customers without a housing change or additional accessory design.

The N670X can help the enterprise mobility, tablet, sled and wearable device maker lead the way in offering products that may exceed general industry standards pertaining to scanning performance, reliability and integration flexibility. Built on Honeywell's latest decoding and imaging technology, this product is backed up by a savvy engineering team readily available to offer you support for your integration needs.

Features

- At 6,8 mm, the slim height makes it easier to fit today's and tomorrow's compact devices.
- Wider operational temperature range increases potential applications.
- Available with two optics: SR optics read UPC codes up to 573 mm (22.5 in), and HD optics enable reading of DotCode, 2,5 mil C39, and 5 mil Data Matrix high resolution codes.
- Delivers motion tolerance of up to 6 m/s, enabling operational effectiveness.
- Lower power consumption increases battery life.
- Compatible with Honeywell's N660X Series and N360X Series for reduced integration time and increased design flexibility. Parallel or MIPI interface availability helps simplify integration.
- Choice of high brightness LED and laser aiming systems to better suit application requirements while improving aimer visibility.
- Supports Honeywell optional functionalities such as OCR, Easy Parse for driving licenses, boarding passes or automotive parts.

Potential Applications

Designed for use in professional-grade, mobile devices such as tablets, wearable scanners, mobile terminals, accessories in retail stores, warehouses, and healthcare facilities, as well as delivery, pick-up/drop-off, and field servicing.

Contactless technology and automation are transforming the way we live and work. Honeywell Logistics Sensing is developing the latest vision solutions to support a wide range of applications for: access control, retail, healthcare, transportation and logistics, warehouse and distribution, and hospitality. **Find out more**

Specifications

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Part Number	01750333341
Description	DIEBOLD NIXDORF NSL N6700 SIGN IN
Part Number	CAT-2465 REV A
Description	N6700SR RED LINE LED AIMER PARA CUS SIGN IN
Part Number	CAT-2470 REV A
Description	N6700 RED LINE LED AIMER HD PARA CUS SIGN IN

Part Number	N6700HD-R0-102
Description	N6700 RED LINE LED AIMER HD PARA
	SIGN IN
Part Number	N6700SR-R0-102
Description	N6700SR RED LINE LED AIMER PARA
	SIGN IN
Part Number	N6700SR-R0-103
Description	N6700SR RED LINE LED AIMER MIPI
	SIGN IN
Part Number	N6700SR-W0-103
Description	N6700SR WHITE LINE LED AIMER MIPI
	SIGN IN
Part Number	N6700SR-W2-102
Description	N6700SR W CROSS TARGET LED AIMER PARA
	SIGN IN
Part Number	N6703-N4531246
Description	N6703 ENGINE WHITE LASER SR MIPI CUS
	SIGN IN
Part Number	N6703HD-W5-102
Description	N6703 ENGINE WHITE LASER HD PARA
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DIEBOLD NIXDORF NSL N6700

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CAT-2465 REV A

N6700SR RED LINE LED AIMER PARA CUS

CAT-2465 REV A

N6700SR RED LINE LED AIMER PARA CUS

CAT-2470 REV A

N6700 RED LINE LED AIMER HD PARA CUS

CAT-2470 REV A

N6700 RED LINE LED AIMER HD PARA CUS

N6700HD-R0-102

N6700 RED LINE LED AIMER HD PARA

N6700HD-R0-102

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N6700SR-R0-102

N6700SR RED LINE LED AIMER PARA

N6700SR-R0-102

N6700SR RED LINE LED AIMER PARA

N6700SR-R0-103

N6700SR RED LINE LED AIMER MIPI

N6700SR-R0-103

N6700SR RED LINE LED AIMER MIPI

N6700SR-W0-103

N6700SR WHITE LINE LED AIMER MIPI

N6700SR-W0-103

N6700SR WHITE LINE LED AIMER MIPI

N6700SR-W2-102

N6700SR W CROSS TARGET LED AIMER PARA

N6700SR-W2-102

N6700SR W CROSS TARGET LED AIMER PARA

N6703-N4531246

N6703 ENGINE WHITE LASER SR MIPI CUS

N6703-N4531246

N6703 ENGINE WHITE LASER SR MIPI CUS

N6703HD-W5-102

N6703 ENGINE WHITE LASER HD PARA

N6703HD-W5-102

N6703 ENGINE WHITE LASER HD PARA

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Product name

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