

BARCODE SCANNING OEM SOLUTIONS

Pocket Range Guide



Honeywell

PERFORMANCE	DECODING SOFTWARE	UNDECODED SCAN ENGINES
SPECIALIZED	 SwiftDecoder-S SDK • 2D Dot Code • 2D Digimarc® • OCR License • EasyDL™ License	Honeywell Extended FlexRange™ EX30 • 10 cm to 20 m • Up to 6 m/s • Dual sensor, 1Mpx, GS, 60 fps • 3.3 V para or MIPI  N6700SR-R* • * Red illumination configuration • Digimarc® ready N6703HD • DotCode ready • DPM Option  <i>ultra slim</i> N5600WA • Space saving • 68° horizontal FOV • WVGA, GS, 60 fps • 3.3 V, para 
	 SwiftDecoder-M SDK • 2D Dot Code • 2D Digimarc® • OCR License • EasyDL™ License	N670XSR • Enhanced read range • Up to 6 m/s • 1 Mpx, GS, 60 fps • Ht: 6,8 mm • 3.3 V, para or MIPI  <i>ultra slim</i> N660X Series • Up to 5,84 m/s • GS, SR or GR, 60 fps • Ht: 6,8 mm • 3.3 V, para or MIPI  <i>ultra slim</i> N560X Series • WVGA, GS, 60 fps • HD, SR, ER • Ht: 12,5 mm • 3.3 V, para 
GENERAL	 SwiftDecoder-W App • Keyboard utility app • Limited development effort • Runs on existing app • Web-based portal for management/configuration	N360XSR • Enhanced read range • 1 Mpx, RS, SR, 30 fps • Ht: 8,1 mm • 3.3 V, para or MIPI  <i>slim</i> N4603 • Up to 5,84 m/s • VGA, GS, SR, 120 fps • Ht: 8,1 mm • 3.3 V MIPI  <i>slim</i> MINI DB-02 • 3.3 V • 4 MB • 20 mm x 14 mm x 5 mm • TTL-RS232 or USB  GEN7 DB • 3.3 V • 8 MB • 20 mm x 14 mm x 4,8 mm • TTL-RS232 or USB 

GLOSSARY

VGA: 640x480 pixels
WVGA: 844x640 pixels
Mpx: Megapixel
GS: Global Shutter
RS: Rolling Shutter

SR: Standard Range
ER: Extended Range
HD: High Density
WA: Wide Angle
Fps: Frames per second

FOV: Field of View
Para: Parallel interface
MIPI: Mobile Industry Processor Interface
Ht: Height

KBW: Keyboard Wedge
DPM: Direct Part Marketing
OCR: Optical Character Recognition
TTL-RS232: Transistor-Transistor Logic

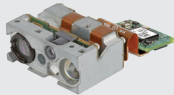
AIMERS AND ILLUMINATION

Honeywell offers a choice of active laser aiming and illumination

DECODED SCAN ENGINES

Honeywell Extended FlexRange™ EX30 + GEN7 DB

- 5 ms autofocus optic
- 10 cm to 20 m
- Up to 6 m/s
- Dual sensor, 1Mpx, GS, 60 fps
- 3.3 V, USB or TTL-RS232



EX25

- Extra long range
- Up to 15 m read range
- 1 Mpx, 30 Fps
- USB or TTL-RS232



N678X and N668X

- Flexible choice of optics
- MINI DB-02
- 5 V, Micro USB



N568X

- WVGA, GS
- 60 fps
- USB or TTL-RS232



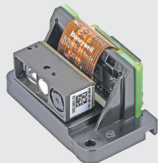
N4680 Series

- VGA, GS
- SR, 120 fps
- 5 V USB or 3.3 V TTL-RS232



N368X

- 1 Mpx, RS, SR
- 5 V Micro USB



COMPACT AND CUSTOMER-FACING MODULES

HF800-OE Series

- 0° and 90° orientations
- DPM ready
- HD, SR, ER
- TTL-RS232 or RS485 or Ethernet



HF561 Series

- Up to 3 m/s
- WVGA, GS, SR or ER
- 60 fps
- USB or TTL-RS232



CM (Compact Module) Series

- 28 mm x 55 mm x 48 mm
- VGA to 1 Mpx resolution
- SR or WA
- 5 V, Micro USB
- beeper, IP54



Vuquest 3330g

- 74 mm x 50 mm x 26 mm
- WVGA, GS, SR or HD
- 60 fps
- USB or TTL-RS232 or KBW
- trigger



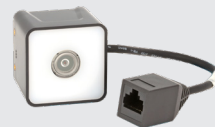
CF4680

- Presence detection
- 91 mm x 105 mm x 75 mm overall
- 61 mm x 73 mm window
- 5 V, USB



HF521

- 42 mm x 42 mm x 33 mm
- VGA, GS, WA
- 60 fps
- USB or TTL-RS232



AIMING PATTERNS

offers a large
advanced LED and
aiming patterns and
to meet your needs.



red dot LED aimer
(N4680 Series)



red laser aimer and framer
(N6703, N6603, N56X3)



green dot LED aimer
(N3601)



high bright green LED cross aimer
(N6700)

TEST BARCODES

Honeywell 2D imagers omnidirectionally read Linear, Stacked, Matrix, Composite, and Postal barcodes, as well as OCR codes.

Linear Barcodes

Code 39



A B C 1 2 3

Codabar



A 1 2 3 4 5 6 7 8 B

Code 128



01234657890

Interleaved 2 of 5



1 2 3 4 5 6 7 8 9 0 1 2 3 4

GS1 DataBar



(01)5512345678901(2)

U.P.C.- A



1 2 3 4 5 6 6 7 8 9 0 3

GS1 128



0 1 1 2 3 4 5 6 7 8 9 0

GS1 DataBar Limited



(01)1234567890123(1)

EAN - 8



5 0 8 1 8 8 8 4

Code 93 / 93i



A B C 1 2 3 4 5

GS1 DataBar Expanded



(01)9881234567890(6)

EAN - 13



9 7 8 1 2 3 4 5 6 7 8 9 7

Stacked Barcodes

Micro PDF417



(37 characters)

PDF417



(38 characters)

GS1 DataBar Stacked



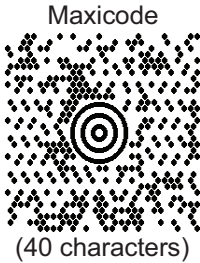
(01)3210987654321(1)

GS1 DataBar Exp. Stacked

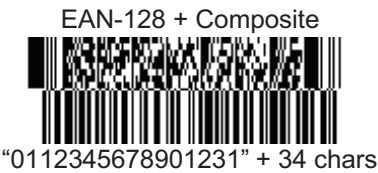


(01)5512345678901(2)15991231

Matrix Barcodes



Composite Barcodes



Postal Barcodes

Postnet



OCR Codes

OCR-A

32478450

OCR-B

00001234

FOR MORE INFORMATION

Honeywell services its customers through a worldwide network of sales offices and distributors. For application assistance, current specifications, pricing or the nearest Authorized Distributor, visit our [website](#) or call:

USA/Canada	+1 302 613 4491
Latin America	+1 305 805 8188
Europe	+44 1344 238258
Japan	+81 (0) 3-6730-7152
Singapore	+65 6355 2828
Greater China	+86 4006396841

Honeywell offers a variety of barcode scanning hardware and software OEM solutions. Add as much or as little as your application needs. Suitable to support many applications, including mobility, payment, healthcare, retail, warehouse, kiosk, lottery, access control, logistics, point of sales and industrial, the Honeywell portfolio of scan engines, scan modules, decoding boards, and software solutions will have you up and running as quickly as possible.

With decades of experience in scanning and decoding, Honeywell's broad portfolio and engineering expertise help design engineers to solve their technical challenges and select the right product and software for their specific scanning applications.

Get in touch with us to discover the potential of Honeywell barcode scanning OEM solutions.

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