



## HHS990 SERIES RUGGED 2D HANDHELD SCANNER



### Product Features

- **6-Meter Extended Range (HHS9906H):** Scans 100mil barcodes for safe forklift operation.
- **Rugged IP65 Protection:** Dust and water-sealed with 1.2m drop resistance.
- **Advanced 2D Imaging:** Reliable capture of codes on labels or digital screens.
- **Balanced Gun-Style Grip:** Ergonomic design to minimize fatigue during long shifts.
- **Supply Chain Optimized:** Easily decodes dirty or damaged barcodes.

# HHS990 SERIES RUGGED 2D HANDHELD SCANNER



	HHS9900J	HHS9906H
<b>Performance</b> Illumination Element Aiming LED Depth of Field Image Sensor Best Resolution Scan Angle Print Contrast Indicators Interface	White LED Red Light: 625nm $\pm$ 3nm 13 mil EAN13: 320 mm CMOS (640 $\times$ 480 pixels) 1D (4mil): Code39 (3mil readable), 2D (5mil): PDF417 Tilt: 360 $^\circ$ / Pitch $\pm$ 50 $^\circ$ / Skew $\pm$ 50 $^\circ$ $\geq$ 30% LED & Beeper USB HID, USB Virtual-COM USB-Serial (by Request) Serial (by Request)	White LED Red Light: 625nm $\pm$ 3nm 13mil EAN13: 173 cm CMOS (1280 $\times$ 1024 pixels)*2 1D (4mil): Code39 2D (6.67mil): PDF417 Tilt: 360 $^\circ$ / Pitch $\pm$ 60 $^\circ$ / Skew $\pm$ 60 $^\circ$ $\geq$ 25 % LED & Beeper USB HID, USB Virtual-COM USB-Serial (by Request) Serial (by Request)
<b>Supported Symbologies</b>	1D: Code 128, EAN-13, EAN-8, Code 39, Code 32, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, ISBN/ISSN, Code 93, Code 11, GS1-128, GS1 Databar, GS1 Databar Limited, GS1 Databar Expanded 2D: PDF417, QR Code, Micro QR Code, DataMatrix, Aztec	1D: Codabar, Code 39, Code 32 Pharmaceutical (PARAF), NEC 2 of 5, Interleaved 2 of 5, Code 93, 2 of 5 Industrial, 2 of 5 IATA, Matrix 2 of 5, Code 11, Code 128, GS1-128, UPC-A, UPC-E, EAN/JAN-8, EAN/JAN-13, MSI, GS1 DataBar Limited, GS1 DataBar Omnidirectional, GS1 DataBar Expanded, China Post (Hong Kong 2 of 5), Korea Post 2D: PDF417, QR Code, Micro PDF417, Micro QR Code, DataMatrix, Aztec
<b>Electrical &amp; Physical</b> Input Voltage Operating Current Dimensions LxWxH Weight	5V/DC $\pm$ 5% <160 mA 130.2 x 76.9 x 192 mm 352 $\pm$ 5 g (with Cable)	5V/DC $\pm$ 5% < 510 mA 130.2 x 76.9 x 192 mm 356 $\pm$ 5 g (with Cable)
<b>Environmental</b> Operating Temperature Storage Temperature Operating Humidity Ambient Light	-5 $^\circ$ C to 50 $^\circ$ C -15 $^\circ$ C to 60 $^\circ$ C 5% to 95% Relative Humidity, Non-Condensing 0~ 100,000 Lux (Total Darkness~ Bright Sunlight)	-5 $^\circ$ C to 55 $^\circ$ C -15 $^\circ$ C to 65 $^\circ$ C 5% to 95% Relative Humidity, Non-Condensing 0~ 100,000 Lux (Total Darkness~ Bright Sunlight)
<b>Decoding Zone</b> 4 mil Code39 5 mil Code39 13 mil EAN13 6.67 mil PDF417 10 mil DataMatrix 20 mil QR Code 100 mil EAN13 100 mil DataMatrix 100 mil QR Code	Measured at 600 lux with standard barcodes (PCS $\geq$ 90%). Tolerance: $\pm$ 10 mm. Actual DOF may vary by barcode quality and ambient factors. 25 ~ 100 mm 25 ~ 135 mm 20 ~ 320 mm 30 ~ 130 mm 10 ~ 135 mm 5 ~ 240 mm - - -	- 23 ~ 38 cm 12 ~ 168 cm 23 ~ 38 cm 18 ~ 48 cm 10 ~ 133 cm 58 ~ 698 cm 30 ~ 548 cm 30 ~ 518 cm

