



## Hooks SKANIA 760 HW - Wireless Barcode Scanner Specification Sheet

### Product Overview:

The **Hooks SKANIA 760 HW** is a high-performance 2.4G wireless and Bluetooth barcode scanner designed for diverse industries, including medical treatment, supermarkets, warehouses, and logistics.

It features an advanced CMOS image decoding capability, ensuring fast and accurate scanning of 1D and 2D barcodes from both paper and screens.

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### Key Features:

- **Wireless Inventory Support:** Can store up to 500,000 bytes.
- **Multifunctional Charging Cradle:** Functions as a charger, stand, and wireless transmission device without occupying extra USB ports.
- **Long Communication Range:**
  - Bluetooth: Up to 30m.
  - 2.4G Wireless: Up to 50-70m (in open areas).
- **Multiple Keyboard Support:** Compatible with various languages, including English, French, German, Portuguese, Italian, Spanish, Japanese, Russian, and more.
- **Strong Decoding Capability:** Reads a wide range of 1D and 2D barcodes with high-speed processing.

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### Performance Parameters:

- **Power Supply:** DC 5V  $\pm$ 5% with a built-in 3.7V 2000mA lithium battery.
- **Current Consumption:**

- Working: 0.50W
- Standby: 0.25W
- Maximum: 0.90W
- **Weight:** 202g ±5g (excluding wired connection).
- **Interface Support:** USB, 2.4G, Bluetooth.
- **Error Rate:** 1/5,000,000.
- **Sensor:** 640×480 CMOS sensor.
- **Light Source:** Red LED aiming + white LED illumination.
- **Processor:** 32-bit ARM MCU.
- **Storage Capacity:** 512 KB (customizable) can store approximately 20,000 EAN-13 code data.
- **Motion Tolerance:**
  - Code128: 20cm/sec
  - QR: 25cm/sec
- **Transmission Distance:**
  - Bluetooth: ≤10m
  - 2.4G: ≤50-70m (visual range)
- **Trigger Modes:** Manual mode, continuous scanning mode, self-sensing mode.
- **Scanning Angle:**
  - Rotate: 360°
  - Horizontal: 42°
  - Vertical: 37°

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#### **Decoding Capability:**

- **1D Codes:** Code25, RSS-14, Code39, Code93, Code128, Code11, EAN-13, UPC-A, Codabar, MSI, Plessey, etc.
- **2D Codes:** QR Code, Data Matrix, PDF417, Micro QR, HanXin, Maxi Code, Aztec.

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#### **Scanning Depth:**

- Code39 (5.83mil, 15-byte): 6cm - 12cm
  - Code39 (7.50mil, 15-byte): 6cm - 12cm
  - Code128 (5.83mil, 16-byte): 5cm - 12cm
  - Code128 (7.50mil, 16-byte): 7cm - 13cm
  - QR Code (10.83mil, 8-byte): 3cm - 11cm
  - QR Code (12.50mil, 8-byte): 2cm - 20cm
  - Data Matrix (10.83mil, 8-byte): 4cm - 11cm
  - Data Matrix (12.50mil, 8-byte): 3cm - 13cm
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### Physical Parameters:

- **Resolution:**  $\geq 5$ mil.
  - **Print Contrast:**  $\geq 30\%$ .
  - **Charging Time:** Approx. 8h.
  - **Working Time:** Approx. 40h.
  - **Material:** ABS + PVC + PC.
  - **Dimensions:** LWH: 176.9 \* 68.3 \* 90.5mm.
  - **Charging Base Size:** Diameter \* Height: 110 \* 86 \* 96mm.
  - **System Compatibility:** Linux, Android, Mac, Windows.
  - **Color Options:** Black, Black Gray.
  - **Feedback Method:** Buzzer, LED indicator light.
  - **IP Grade:** IP52 (Dust & Water Resistant).
  - **Shock Resistance:** Free fall up to 1.5m (concrete floor).
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### Applications:

- Retail & Supermarkets
- Warehousing & Logistics
- Healthcare & Medical Facilities
- Industrial Inventory Management