

# HF810 & HF811

## Fixed Mount Scanners

Built with flexibility in mind, the HF810 and HF811 are designed to perform in a wide variety of environments and enable seamless integration with package sorting and light manufacturing processes.

### About the HF810 & HF811

With Honeywell's enhanced technology in encoding and decoding, HF810 and HF811 Fixed-mount 2D Industrial Scanners offer powerful performance, including DPM capabilities, in a compact form factor that can be networked to build a complete manufacturing or warehouse management solution for end users.



HF81X-series Fixed Industrial Scanners

## FEATURES AND BENEFITS



**Enhanced performance** – Dedicated DPM algorithm for rapid scanning in manufacturing workflows



**Flexible configuration** – Network-ready with I/O functionality for accessories such as external triggers and auxiliary lighting



**Plug and Play** – DataMax Plus configuration tool enables rapid setup. Autotune function optimizes scanning parameters with the press of a button

## TECHNICAL SPECIFICATIONS

### MECHANICAL

**Dimensions (H x W x D):**  
70 mm x 55 mm x 45 mm  
**Weight:** 180g  
**Lens:** Liquid Lens

### ELECTRICAL

**Input Voltage:** 240V  
**Output Current:** 24VDC / 5A  
**Communication:** RS232, RS485, TCP/IP, Field Bus Protocol (Profinet, EthernetIP, Modbus TCP)

### ENVIRONMENTAL

**Operating Temperature:** 0°C to 50°C  
**Storage Temperature:** -20°C to 70°C

**Humidity:** 5% to 95% relative humidity, non-condensing  
**IP Rating:** IP65

### SCAN PERFORMANCE

**Scan Pattern:** Area image  
**HF811 Resolution:** 2 MP  
**HF810 Resolution:** 0.5 MP  
**Scan Angle:**  
**Horizontal:** 20-39° (Narrow vs. Wide FOV)  
**Vertical:** 11-22° (Narrow vs. Wide FOV)  
**Decode Capability:** Reads standard 1D, PDF, 2D (QR, Datamatrix, Maxicode, Aztec) DPM  
**Warranty:** 3-year factory warranty

For a complete listing of all compliance approvals and certifications, please visit [www.honeywellaidc.com/compliance](http://www.honeywellaidc.com/compliance).

For a complete listing of all supported barcode symbologies, please visit [www.honeywellaidc.com/symbologies](http://www.honeywellaidc.com/symbologies).

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**For more information**

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