

# LoRaSCAN



## LoRaSCAN-FM

### 2D Wireless Barcode Scanner

Wireless barcode scanner for Automated Industrial applications



### Key Features

- Scans many popular barcode types
- Extremely long range wireless transmission of 3km+ indoors
- 50-750mm scanning range
- 24V Powered | 24V Dry contact trigger | 24V Pulse Output
- Surface mounting brackets included, pole mount optional
- Industrial rugged design for factory environments



24V



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## LoRaSCAN-HHR Specification



### Scanning

- Resolution: 640\*480 3mil/0.1mm (PCS90%, CODE 39)
- Scanner type: CMOS
- Illumination: Red Light LED 525±10nm, 5600K LED (lighting)
- Print contrast ratio: 15%
- Scan angle: Roll ±360°, Pitch ±60°, Skew ±55°
- Scanning distance: 50mm ~ 750mm
- Manual, Autosense & Continuous scan modes

### Wireless

- Very long range wireless transmission
- 8km outdoor, 3km indoor (line of sight)
- Internal antenna
- 868MHz – 925MHz for worldwide usage
- Robust & secure industrial protocol
- All data encrypted as standard

### Electrical

- 24VDC powered (power supply not included)
- 24V dry contact to trigger scanning
- 24V pulse output following successful scan
- Energy saving 2 minute auto shutdown
- Includes Phoenix contact connector MC 1,5/ 5-STF-3,81
- Blue LED power indicator

### Physical

- IP67 rated
- 120mm x 120mm x 70mm
- -20 to + 50 degrees C operating temperature range

### Regulatory

- CE
- FCC
- RoHS

### Ordering

- LORASCAN-FM  
Wireless scanner, surface mount accessories
- LORASCAN-FM-STARTER  
Wireless scanner, connector & USB wireless receiver dongle
- LORASCAN-USB  
USB wireless receiver dongle



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