



# MS22C

## Handheld Barcode Scanner

The Fusion of Design and Precision in Barcode Scanning Solutions

### High-Performance Imaging Capabilities

Equipped with a CMOS sensor of 640 x 480 pixels, the MS22C boasts an imager field of view of 45°H x 34°V. With its advanced light sources, it can decode a variety of barcode types effortlessly.

### Adaptive Sensing Technology

Incorporating an Enhanced Presentation Mode, MS22C's proximity sensor intuitively activates within a 30 cm range. This innovation ensures faster point-of-sale processes and a refined user interface, culminating in a scanner designed for optimized user experience.

### Superior Build and Thoughtful Design

Forged from industrial plastic, the MS22C ensures durability. Inside, parts are securely anchored. Its protective frame guards the scanner glass, while the enduring scan button guarantees consistent reliability.

### Swift and Versatile Scanning Performance

MS22C excels in fast, precise barcode decoding. Designed for retail, warehouses, and more, it captures diverse barcodes with ease. With adaptability for varied angles and distances, it's the epitome of seamless, efficient scanning in dynamic settings.



CMOS Imager



1D/2D Barcodes



USB/RS-232



Proximity Sensor



Stand Accessory



Glass Protection

# Main Features



### Dimensions(L×W×H)

Scanner MS22C: 145x68x101mm  
Stand for MS22C: 180x100x110.50mm



### Weight

Scanner MS22C: 159.3g  
Stand for MS22C: 189g



### Image Sensor

CMOS, 640x480pixels



### ESD

±15kV air discharge,  
±8kV direct discharge



### Audio

Buzzer, LED indication



### Contrast

20% minimum reflective difference



### Current

Operating Current at Nominal  
Voltage (5.0V): 190mA, 201mA.  
Max Standby Current: 35~45mA



### Data Capture

Scanning 1D & 2D barcodes, including  
scanning from device screens.



### Ports & Interfaces

USB, Ethernet, Serial Port (RS-232)



### Input Voltage Range

5 VDC±5%



### Protection

IP42  
1.2m drop resistant



### Illumination

Red LEDs



### Environment

Operation temp.: -20°C to 60°C  
Storage temp.: -40°C to 70°C  
Humidity: 5% to 95% RH, non-condensing



### Accessories

RS232 Cable, Stand for MS22C,  
USB Cable