



HR20 Panga
handheld scanners

Features

Cost-effective solution.

The HR20 Panga is specifically developed to provide a cost-effective data capture solution that allows customers to enjoy the capabilities of a 2D scanner for the price of a 1D scanner. This without making any compromises on scan performance, ergonomics or design.

Elegant appearance.

Blending ergonomics and aesthetics in its design, the HR20 Panga ensures operator comfort and productivity for intensive handheld scanning. The scanner looks great at any point of sale and is ideal for applications that require both scanning from paper and screen, like mobile payment or customer loyalty.

Durable construction.

The HR20 Panga has an IP42 rating and is drop resistant up to 1.5m. Its durable housing guarantees optimal protection.

Outstanding performance.

Equipped with Newland's third-generation decoder chip, the HR20 Panga can effortlessly capture high-density, high volume and distorted barcodes printed on paper or displayed on a screen.

Foldable smart stand available.

A foldable smart stand is available either as an accessory or as a set that includes both the scanner and stand.

Application scenarios.

Point of sale/retail, product traceability, track & trace, healthcare, inventory management, ticket / voucher management, general office automation.



Application Scenarios



healthcare



hospitality



point of sale



retail

HR20 Panga technical specifications

| | | |
|--------------------------|----------------------------------|---|
| Performance | Processor | 1GHz,X1500 |
| | Image Sensor | CMOS 640*480 |
| | Illumination | White LED |
| | Aiming | Red LED (625±10nm) |
| | Depth of Field EAN13 (13mil) | 60-215mm |
| | Depth of Field QR (15mil) | 40-105mm |
| | Minimal Print Contrast | 25% |
| | Scan Angle Roll | 360° |
| | Scan Angle Pitch | ±45° |
| | Scan Angle Skew | ±50° |
| | Field of View Horizontal | 45.6° |
| | Field of View Vertical | 34.2° |
| | Scan Modes | Trigger(Level,Pulse), Sense, Continuous Mode |
| | Scan Rate | 60 frames per second |
| Data capture | 1D | EAN-8, EAN-13, UPC-E, UPC-A, Code 128, UCC/EAN128, I2Of5, ITF14,ITF6, Matrix 25, CodaBar, Code 39, Code 93, ISSN, ISBN, Industrial 25,Standard 25, Plessey, Code 11, MSI Plessey, UCC/EAN Composite, GS1 Databar, Code 49, Code 16K |
| | 2D | PDF417, QR Code, Micro QR, Data Matrix, Aztec, Maxicode,Chinese Sensible Code, GM Code, MicroPDF417, Code One |
| Physical | Dimensions (mm) | 145×101×68mm |
| | Weight | 115g |
| | Material | PC,ABS |
| | Buttons | Trigger |
| | Interfaces | RS-232, USB,PS2 |
| | Notifications | Beep, LED indicator |
| | Input Voltage | 5VDC±5% |
| | Current @ 5VDC | 165.8mA (typical), 170.2mA (max.) |
| | Operating Current @ 5VDC Standby | 58.6mA |
| | Power Consumption | 794.2mW (typical) |
| | Power Supply Input | DC5V, 1.5A |
| Power Supply Output | AC100~240V, 50~60Hz | |
| Environmental | Operating Temperature | -20°C to 60°C (-4°F to 140°F) |
| | Storage Temperature | -40°C to 70°C (-40°F to 158°F) |
| | Humidity | 5%~95% (non-condensing) |
| | Electro Static Discharge (ESD) | ±8 KV (direct discharge); ±15 KV (air discharge) |
| | Drop | 1.5m |
| | Sealing | IP42 |
| Accessories | Optional | RS232 Cable,Adapter,Stand |
| | Standard | USB Cable |
| Device Management | Software | EasySet (configuration) |
| Certifications | Certifications | CE,FCC,RoHS |
| Warranty | Warranty | 5 years |