



1d 2d easysset ip42 1.5m drop usb



warranty 5 years



FR27 Urchin
stationary scanners

Features

Superior self-service scanning from screen

The FR27 Urchin is primarily designed to be easy to use for self-service scanning from customers' phone screens. A remarkably wide field of view means even the largest codes presented on the largest phone screens are scanned easily.

Snappy scanning from paper, metal and plastic

Printed barcodes are still used in many applications, so the FR27 Urchin makes sure it can cope with them. It maintains top performance with all types of 1D and 2D codes presented to it on paper, metal and plastic surfaces. Even curved and creased codes pose no challenge.

Small and stylish

The FR27 Urchin packs all its scanning power into a small, sleek design. Making not only a great space saver but looking good while doing so. The scanner has a smooth and simple finish that blends well with any countertops design from boutique to café.

Fast scanning with outstanding motion tolerance

The FR27 Urchin has an outstanding 2.7m per second motion tolerance for applications where fast scanning on moving codes is vital. Clearing lines of customers self-scanning or clearing baskets of items at the point of sale, the FR27 gives you more speed than ever before.

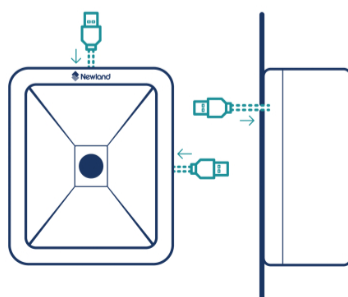
Clear visual feedback

Using soft white illumination to scan barcodes, the FR27 Urchin also utilises its white background to project a green led, indicating a good read. Visual feed-back in a self-service application makes all the difference in giving customers confidence in achieving a successful scan.

Flexible mounting options

Mindful that the FR27 Urchin can suit access control and kiosk applications, its case has a design that allows you to manipulate the cable for mounting portrait or landscape. It also has threaded fixing points for vertical mounting.

Available in white on request



Application Scenarios



FR27 Urchin technical specifications

| | | |
|--------------------------|------------------------------------|--|
| Performance | Image Sensor | 640x480 CMOS |
| | Illumination | White LED |
| | Depth of Field EAN13 (13mil) | 20mm-105mm |
| | Depth of Field PDF417 (6.67mil) | 30mm-40mm |
| | Depth of Field Data Matrix (10mil) | 30mm-45mm |
| | Depth of Field QR (15mil) | 0mm-85mm |
| | Minimal Print Contrast | 20% |
| | Scan Angle Roll | 360° |
| | Scan Angle Pitch | ±75° |
| | Scan Angle Skew | ±75° |
| | Field of View Horizontal | 68° |
| | Field of View Vertical | vertical: 51° diagonal: 84.8° |
| | Scan Modes | Sense Mode, Continuous Mode |
| | Motion Tolerance | 2.7 m/s |
| Data capture | 1D | All major 1D symbologies |
| | 2D | QR Code, Data Matrix, Aztec, Micro PDF, Micro QR, PDF417, etc. |
| Physical | Dimensions (mm) | 66.3(W)x76.3(D)x38(H)mm (max.) |
| | Weight | 120g |
| | Interfaces | USB |
| | Input Voltage | 5VDC±5% |
| | Current @ 5VDC Operating | 140mA (typical) |
| | Current @ 5VDC Standby | 100mA (typical) |
| | Power Consumption | 698mW (typical) |
| Environmental | Ambient Light | 0~100,000lux (natural light) |
| | 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% to 95% (non-condensing) |
| | Electro Static Discharge (ESD) | ±12 kV (air discharge), ±8 kV (direct discharge) |
| | Drop | 1.5m |
| | Sealing | IP42 |
| Accessories | Standard | USB cable, used to connect the scanner to a host device |
| Device Management | Software | EasySet (configuration) |
| Certifications | Certifications | VCCI, RoHS |
| Waranty | Warranty | 5 years |