| 1D | 2D | CMOS | EGAIS |
|----|----|------|-------|

| IP42 | 1.2M DROP | USB | RS232 |
|------|-----------|-----|-------|

**HR2280**

handheld barcode scanner

## FEATURES

### Cost-effective solution.

The HR2280 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 HR2280 ensures operator comfort and productivity for intensive hand-held scanning. The scanner is ideally suited for applications at the point-of-sale and O2O (Online2Offline).

### Durable construction.

The HR2280 has an IP42 rating and is drop resistant up to 1.2m. Its durable housing guarantees optimal protection.

### EGAIS compliant.

The HR2280 has a custom designed algoritm & firmware optimised to read EGAIS codes. Even the most damaged codes can be read with a good result.

### Stand available.

It is possible to order a stand as an accessory or as a SET with the scanner.

*HR2280 with stand.*

### Application Scenarios

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

| Performance | Image Sensor | | 640×480 CMOS |
|---|---|---|---|
| | Supported barcodes | 2D | PDF417, QR Code (QR1/2, Micro), Data Matrix (ECC200, ECC000, 050, 080, 100, 140, Aztec) |
| | | 1D | Code 128, UCC/EAN-128, AIM-128, EAN-8, EAN-13, ISBN/ISSN, UPC-E, UPC-A, Interleaved 2 of 5, ITF-6, ITF-4, Matrix 2 of 5, Codabar, Industrial 25, Standard 25, Code 39, Code 93, Code 11, Plessey, MSI-Plessey, GS1-DataBar$^{TM}$ (RSS), (RSS-14, RSS-Limited, RSS-Expand) |
| | Reading accuracy* | | ≥3mil |
| | Typical reading depth of field* | EAN-13 | 40mm~270mm (13mil) |
| | | Code 39 | 45mm~115mm (5mil) |
| | | PDF 417 | 30mm~100mm (6.67mil) |
| | | Data Matrix | 20mm~100mm (10mil) |
| | | QR | 15mm~160mm (15mil) |
| | Barcode sensitivity** | Pitch | ±60°@ 0°Roll and 0° Skew |
| | | Roll | 360°@ 0°Pitch and 0° Skew |
| | | Skew | ±55°@ 0°Roll and 0° Pitch |
| | Minimum contrast | | 30% |
| | Data interface | | RS-232, USB |
| Physical parameters | Size (mm) | | 145(W)×101(D)×68(H) |
| | Weight | | 165g |
| | Notifications | | Buzzer, LED indicator |
| | Power adapter (optional) | | Output: DC 5V, 1.5A; Input: AC 100~240V, 50~60Hz |
| | Current | Maximum | <300mA |
| | | Working | 140mA±15mA |
| | | Standby | 14mA±2mA |
| Environmental | Operating temperature | | -20°C~+50°C |
| | Storage temperature | | -40°C~+70°C |
| | Relative humidity | | 5%~95% (no condensation) |
| | Static protection | | ±8KV (contact discharge); ±15KV (air discharge) |
| | Drop height | | 1.2m |
| | Protection level | | IP42 |
| Certifications | | | FCC Part15 Class B, CE EMC Class B |

* Specifications are subject to change without notice *                    Version: Preliminary

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