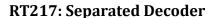




RT217/RT217A

2D Barcode Scan Engine





Camera: 21.6(L)*7.6(W)*8.1(H)

Decoder: 35.2(W)×35.0(D)×4.3(H)



RT217A: Integrated Decoder

Camera: 21.6(L)*7.6(W)*8.1(H)

Decoder: 35.2(W)×29.0(D)×11.0(H)

Core technologies

Adopt self-developed core decoding technology, with excellent 1 D/2D decoding performance.

Excellent screen code literacy

For screen bar code to do special training, can adapt to the minimum brightness and all kinds of film large volume screen bar code.

• Multi-application mode optional

Screen code mode, paper code mode can be perfectly balanced.

Discrete design

Discrete design of the imager and decoding board, small size and lightweight, which makes it easy to adapt to various integrated applications.

Application

It can be widely used in all kinds of kiosks, access control, express cabinets, ticket gates, and various self-service application equipment.

Specification:



| Scanning | Image sensor | | 640H*480V |
|--------------------------|---------------------------|------------------|--|
| performance | Lighting | | White LED |
| | Focus | | Red LED (625 nm) |
| | Reading Code | 2D | PDF417, Data Matrix, QR Code , Micro QR Code |
| | | | Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved |
| | | 1D | 2of 5, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1Databar, Matrix 2of |
| | | | 5, Code 11, Industrial 25, Standard 25, ISSN, Plessey, MSI-Plessey, AIM |
| | | | 128 etc |
| | Reading accuracy | | ≥3 mil (Code 128) |
| | Typical Depth of Field | EAN-13(13 mil) | 50 mm-260mm |
| | | Code 39(5mil) | 50 mm-115mm |
| | | QR Code (15 mil) | 30 mm-170mm |
| | Barcode sensitivity | Pitch | ±60°(QR 30mil) |
| | | Tilt | 360° |
| | | Skew | ±60°(QR 30mil) |
| | View angle | | Level 42°, vertical 31.5° |
| | Symbol | | ≥20% (Code 128) |
| | Contrast | | |
| Mechanical/ | Communication | | TTL-232, USB 1.1 |
| Electrical | interface | | |
| parameters | Weight | | 6.5g |
| | Working | | 3.3 VDC |
| | voltage | | |
| | Rated power | | 720 mW (Typical value) |
| | consumption | | |
| | Current @3.3 | Working current | 218 mA (typical), 234 mA (maximum) |
| | VDC | | |
| | | Standby current | 52.8 mA |
| | Working | | -20°C ~ +60°C |
| | temperature | | |
| Environmental parameters | Storage temperature | | -40°C ∼ +70°C |
| | Relative humidity | | 5%~95% (no condensation) |

Test distance = (minimum depth of field + maximum depth of field)/2; The ambient temperature = 23°C; ambient illumination = 300 LUX incandescent 2 D : QR CODE; 10 Bytes; Minimum empty width = 15 mil; PCS=0.8;

^{*} Specifications are subject to change without prior notice*