

ZTS-FR20

Fixed Barcode Scanner

SZZT
ELECTRONICS



Introduction

Fixed barcode scanner can quickly read 1D and 2D barcode on various brightness mobile phone screens. This product has well reading performance for low-quality barcode. ZTS-FR20 is speed sensing with power consumption. It can be used for cashier payment, coupon and self-service QR code invoicing.

Application Scenarios

It is widely used for barcode payment ,Group-buying validation, customer service desk applications.

Features

- Smart screen barcode reading
- Scattering fill-in light
- Large reading window
- Lower power consumption
- Fast infrared sensor

Specifications

Item	Description	
Performance	Images Sensor	CMOS
Parameter	Pixel	640×480
	LED	White LED
	Codes reading	2D PDF417, Data Matrix, QR Code, Chinese Sensible code, etc.
		1D EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128, Code93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 2of 5, Matrix 2 of 5, GS1 Databar, Code 39, code 11, MSI-Plessey, Plessey, etc.
	Reading Mode	Sensor reading, continuous reading
	Reading Precision	≥4mil
	Arcode window	52mm×69mm
		Pitch ±40°
	Barcode sensitivity	Tilt 360°
		Skew ±35°
	Barcode sensitivity	≥30%
	Symbol contrast	Diagonal: 68°, Horizontal: 54°, Vertical: 42°
Mechanical/ Electrification characteristics	Communication interface	RS-232 (9.6~115.2Kbps) / USB (HID-KBW、HID-POS)
	External dimension (mm)	89.5(W)×115(D)×105(H)
	Weight	282g
	Indicator	Buzzer、LED
	Working Voltage	5 VDC±5%
	Current@5 VDC	Working current 112.7mA (representative value) , 173.6mA (maximum)
		Standby current 108mA
Environment	Working temperature	-20°C~+60°C
	Storage temperature	-40°C~+70°C
	Relative humidity	5%~95% (No condensation)
	Static Protection	±8kV (Air discharge) , ±4kV (Direct discharge)
	Ambient light	0~100,000 LUX
Certifications		FCC Part15 Class B, CE EMC Class B , RoHS
Accessories	Data cable	RS-232 RS-232 Data cable, used to connect information receiving host with adapter interface
		USB USB data cable for connecting information receiving host
	Power adapter	5V Power adapter to power the scanner with data cable
		Output : DC5V , 0.5A ; input : AC100~240V , 50~60Hz

