CYPRESS

TSP-2000 Series

Specifications

Barcode Scanner with Wiegand Converter

TSP-2104

TSP-2004

TSP-2000_SS_090111

Overview and Features:

The Cypress TSP series of products provide bar code to wiegand solutions for turnstyle and visitor pass applications.

Units are preconfigured to capture barcodes and provide the wiegand representation of the barcode characters - limited to the available conversions as indicated in this manual. Customization is available upon request, engineering fees are additional.

Both the TSP-2004 and TSP-2104 have sleep mode with IR wake-up and deliver excellent scanning of 1D barcodes. Formats include Code 39, UPC, Code 32, Code 2 of 5, Code 128 and others.

The TSP-2104 has scan area of 1280 x 960 pixel array. 30% minimum reflectance difference. Reads 1D, PDF417 and 2D bar codes - Pitch 70º and Skew 75º

The TSP-2004 has 20 scan lines for omnidirectional scanning - 1650 scan lines per second. 35% minimum reflectance difference. Reads 1D and GS1 DataBar symbologies. Pitch 60º and Skew 60º

Included items:

Configuration Guides - (TSP-2104 for additional customization if needed)
Custom interface cable
Scanner
Data Converter

Technical Specifications

PHYSICAL	4.125" X 2.875" X .75" - ALUMINUM HOUSING (CVX-1300 CONVERTER) 4.3: X 2.5" X 2.6" (TSP-2004) SCANNER - QUANTUM T 3580 2.9" X 1.9" X 1.0" (TSP-2104) SCANNER - VUQUEST MS4980		
Temperature	Storage (-55 C to +150 C) Operating (-40 C to +85 C)		
Humidity	95% (non-condensing)		
Power	Input	Unreg input 8 to 16 vDC @ 100ma Max	
	Output	+5vDC @ 250ma	
Scanner output	Interface	RS-232	
	Format	ASCII	
Converter output	Interface	Wiegand	
	Format	Wiegand	
Misc	Relay	Contacts - 1a @ 120Vac	
Warranty	1 year conditional		