

TSP-3000 Series

Barcode Scanner
with Wiegand Converter



TSP-3100

TSP-3200

Overview and Features:

The Cypress TSP series of products provide bar code/wiegand solutions for turnstile 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.

The TSP-3100 laser barcode scanner has a sleep mode with IR wake-up and deliver excellent scanning of 1D barcodes. Formats include Code 39, Codabar, Code 128, I 2 of 5, Code 93, UPC/EAN .

The TSP-3200 supports two sided reading of bar-code credentials

Includes custom interface wiring harness.

Scan rate: Adjustable from 300 to 1000 scans/second

Scan width angle: >70°

Pitch: ±50°

Skew: ±40°

Label contrast: 25% min. @ 650 nm

Included items:

Custom interface cable

Laser Scanner - quantity 2 with TSP-3200

Wiegand Data Converter - quantity 2 with TSP-3200 includes CVX-OPTW weigand splitter

Technical Specifications

PHYSICAL	4.125" X 2.875" X .75" - ALUMINUM HOUSING (CVX-3100 CONVERTER)	
	1.75" X 1.75" X .85" (TSP-3100) SCANNER - MICROSCAN MS-3	
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 - Not enabled	Contacts - 1a @ 120Vac
Warranty	1 year conditional	