

Zapper Tornado BT 2D

2D cordless scanning for general, Apple + Android applications



Designed around the innovative FuzzyScan 3.0 Imaging Technology, a powerful computing platform and advanced Bluetooth v4.0 wireless technology, the **Zapper Tornado 2D BT** Bluetooth cordless Area Imaging Scanner delivers superior reading performance, impressive snappy reading and the ultimate freedom of cordless operation. With its outstanding reading performance, superior wireless connectivity, robust enclosure and versatile features, the **Zapper Tornado 2D BT** scanner raises the bar on the exceptional cost-performance for various barcode scanning applications.

Exceptional mobility and flexibility

Powered by Bluetooth v4.0 wireless technology, the **Zapper Tornado BT 2D** Bluetooth 2D scanner provides several radio link modes to communicate with most host devices.

Superior reading performance

The **Zapper Tornado BT 2D** Bluetooth 2D scanner can read most popularly-used linear, 2D bar codes, postal codes omni-directionally.

Versatile functionality and rich features

To fulfill diverse business applications, the **Zapper Tornado BT 2D** is feature-rich, representing the best value in its class.

The **Zapper Tornado 2D BT** is part of ASP's versatile Zapper

- Built with the latest Bluetooth v4.0 wireless technology
- Up to 100 meters communication coverage while working with smart cradle (depends on the environment)
- Plug-and-play cordless transmission by working with smart cradle
- Support multiple connections up to 7 scanners in PICO mode
- Support both HID and SPP profiles to connect with most remote Bluetooth-enabled hosts
- Compatible with the most popular iOS and Android devices
- Batch scanning with more than 100,000 EAN-13 scans of storage capability

Specifications	
Electrical	
Battery	3.7V, 2600mAH Li-ion rechargeable battery
Scans per full Charge	More than 63,000 scans and transmissions
Voltage & Current (Scanner and Smart Cradle)	Voltage 5 ± 10% VDC
	Current (Charging/ Non Charging) Max.750 mA / 175mA with external power
Characteristics	
Image Sensor	WVGA 752x480 Pixels
Print Contrast	20% minimum reflectance difference
Min. Resolution	SR Model, 3.3 mil Code 39
Light Source	Aiming Pattern : 630nm LED Illumination : 630nm LED
Roll, Pitch, Skew	Roll: 360°; Pitch: ± 75°; Skew: ± 65°
Motion Tolerance	Up to 25 inch/63.5 cm per second
Reading Range	SR Model 5 mil (0.13mm) C39 13 mil (0.33mm) EAN 10 mil (0.25mm) DM
Operating Modes	Trigger, Presentation
Configuration Setup	Bar code command. Windows utility - FuzzyScan PowerTool
User Interfaces	Blue link indicator and 2-colour status indicator, Programmable beeper, Optional vibrator
Image Capture	Graphic Format : BMP
Symbologies	
1D Linear	Code 39, Code 39 Full ASCII, Code 32, Code 128, GS1-128, Codabar, Code 11, Code 93, Standard & Industrial 2 of 5, Interleaved & Matrix 2 of 5, IATA, UPC/EAN/JAN, UPC/EAN/JAN with Addendum, Telepen, MSI/Plessey & UK/Plessey , GS1 DataBar, Linear & Linear Stacked
2D Codes	PDF417, Micro PDF417, Codablock F, Code 16K, Code 49, Composite Codes, DataMatrix, MaxiCode, QR Code, Aztec, MicroQR
Postal Codes	Australian Post, US Planet, US Postnet, Japan Post Dutch KIX code, Intelligent Mail, British Post
Physical	
Dimension	95.0 mm (L) x 70.5 mm (W) x 161.7 mm (D)
Weight	210g (Battery included)
Regulatory	
EMC & Radio	CE,FCC,BSMI,C-Tick,KC,NCC,VCCI,MIC, RCM
Safety	LED Eye Safety IEC62471, Exempt Group
Environmental	Compliant with RoHS directive
Environment	
Drop Specifications	Withstand 50 drops at 1.8m / 6.0ft to concrete
Environmental Sealing	IP41
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Humidity	5% to 95% related humidity, non-condensing
Ambient Light Immunity	0 ~ 100,000 lux
ESD Protection	Functional after 15kV discharge

Meet the family of Zapper Tornado scanning solutions

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Our Innovation - Your Edge™

ASP MICROCOMPUTERS

14 Business Park Drive, Notting Hill, VIC 3168

T: 03 9578 7600 F: 03 9578 7727 Toll Free 1800 061 642

E: solutions@asp.com.au W: www.asp.com.au

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