

TORNADO Series

BLITZ

Thermal Transfer Printers

The **TORNADO** series of printers symbolize performance, value and reliability. The industry standard **ARM®** based architecture, which is the heart of the printer, ensures fast label processing, especially in serialized data printing applications. A robust industrial grade metal construction, which is designed to withstand adverse operating conditions, makes it ideal for heavy-duty industrial printing applications.

TORNADO can print high quality bar-codes, images & graphics in various formats, scalable resident fonts & downloadable True Type® fonts in 203 / 300 dpi configurations. They can be used in a wide variety of applications such as, document tracking, inventory management, product, dispatch & compliance labeling, medical records and ticket printing. It can emulate various popular printer command languages and is a drop in replacement for various printers.

A graphical touch screen console provides an intuitive and easy to operate interface for the user to access various configuration parameters of the printer. Certain critical functions can also be restricted / locked using a password with administrator only access. A built-in interpreter function enables connectivity to non PC devices like PLCs & Weighing scales which eliminates the need for a PC or any associated software



- Built on a rugged metal chassis to ensure reliable operation in harsh and demanding environments.
- Faster throughput using CADIP¹ algorithms .
- Intuitive console & error reporting interface for the user.
- User friendly utility to download fonts, images and label formats, in a drag & drop manner.
- Easy Firmware update, printer configuration and diagnostics is possible using a host based GUI.
- One year limited warranty on the printer except the printhead against manufacturing defects.

1. Co-processor Assisted Digital Image Processing (CADIP)

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Designed and Manufactured in India

BLITZ iX200, iX300, iX210, iX310 Specifications

BLITZ iX200

6 IPS
203 dpi
212 mm x 235 mm x 231 mm

BLITZ iX210

8 IPS
203 dpi
212 mm x 235 mm x 275 mm

BLITZ iX300

5 IPS
300 dpi
212 mm x 235 mm x 231 mm

BLITZ iX310

6 IPS
300 dpi
212 mm x 235 mm x 375 mm

Printer Type:	Direct Thermal / Thermal Transfer
Max Print Width:	4.1" (104mm)
Media Width:	0.78"-4.65" (20mm-118mm)
Print Length:	0.5"-30" (12.7mm-762mm)
Bar Code Modulus	5mil to 150 mil (203 dpi) 3.3 mil to 150mil (300dpi)
Media Window:	Clear side-door panel to easily monitor media supply levels
Media Type:	Roll-fed or fan-fold material, die-cut or continuous labels; perforated or continuous tag / ticket stock.
Media Thickness:	.0025"-0.0100" (0.0635mm-0.254mm)
Media Sensing:	Transmissive (Die-cut & Pin-hole) and Reflective (black-mark).
Supply Roll:	4.50" (114mm) fro iX200 / iX300 & 6.5" (165mm) for iX210 / iX310.
Ribbons:	1"(25mm) ribbon core, 360m, 4.1" width (max) Inner / Outer coat.
Bar Codes:	Code 3 of 9, UPC-A, UPC-E, Interleaved 2 of 5, Code 128, EAN-8, EAN-13, Codabar, Code 93, Postnet, UPC 2 & 5 digit Addendum, UCC / EAN Code 128, ITF 14, HIBC, PDF417, Datamatrix, QR Code.
Fonts:	Nine alphanumeric fonts from 1.0mm (0.039") to 6mm (0.236"), including OCR-A OCR-B, 1 Smooth scalable font expandable up to 10X. True Type fonts can be downloaded into the Flash memory using a Windows based utility provided along-with.
Font Expansion:	All fonts can be expanded vertically and horizontally up to 9x. Fonts can be printed in four directions: 0°, 90°, 180° and 270°
Graphics Support :	PCX, BMP and IMG file formats.
Print Attributes:	Any font or graphics field can be printed in XOR, Transparent, Opaque and Inverse mode.
Memory:	8MB Flash & 16MB RAM (For iX200 / iX300) 8MB Flash & 32MB RAM (For iX210 / iX310)
Interfaces:	USB and RS 232 @ 115200 Baudrate, Ethernet / Centronics Parallel Port (Optional)
Console:	240 x 320 pixel Resistive Touchscreen Display along with Capsense (non tactile) switches.
Power Sources:	85 - 264 VAC @ 47- 63 Hz
Operating Temperature:	4°C to 46°C (40°F - 114°F)
Options:	
Cutter with Tray:	Maximum thickness 0.254mm (0.01")
Label Present Sensor:	Used for on-demand label dispensing and peel and present applications
External Rewinder:	203mm (8") maximum capacity

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