



Foenix: FX ONE Remote

Plug-and-play Industrial Inkjet Printer for all types of production lines

PACKTRONIC: Excellence in Traceability



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FX ONE Technical Specifications & Features

The FX ONE represents the pinnacle of industrial coding technology, delivering high-resolution printing capabilities with exceptional reliability and ease of use. This plug-and-play system is designed for seamless integration into any production line, offering versatile connectivity options and comprehensive printing capabilities that meet the demands of modern manufacturing environments.



High Resolution Printing

1 to 8 lines of print with 2-18mm print height. High resolution piezo print head delivers exceptional quality at speeds up to 100m/min (50m/min for barcodes and 2mm text). Prints in any orientation with continuous repeat capability.



Advanced Barcode Support

High resolution printing of 1D and 2D barcodes including QR Codes and data matrix with variable data capability. Graphics, logos, and barcodes easily imported using JPEG, PNG, and BMP formats through the FX App.



Comprehensive Connectivity

Multiple connection options including USB-A memory stick, USB-B cable, RS232, RS485 for Foxnix Touch controller, and optional Ethernet. Multi-port connections support encoders, external alarms, and alternative product detection devices.



Versatile Ink System

Large sealed replaceable ink cartridge delivers up to 15 million characters. Available in oil-based inks for porous surfaces, solvent-based inks for non-porous surfaces, UV inks for instant LED curing, and various colors. Ink saver mode reduces consumption by up to 75%.

Physical Specifications

- Weight: 1.7 Kg (excluding ink cartridge and brackets)
- Size: 242 x 178 x 90mm
- Compact design for easy installation
- Minimal components for maximum reliability

Electrical Requirements

- 90-260 VAC to 24VDC power supply included
- Visual alarm indicator including ink low warning
- Single start/stop print button
- Product detection photocell integrated

True Type Font & Unicode

Create messages in any font and any language with full Unicode support



Time & Date Formats

Prints time and multiple date formats with automatic updating capability



2 Years Warranty

Extended warranty available. Terms and conditions apply

FX App & Touch Controller Solutions

The FX App provides comprehensive software control for all your product coding applications, featuring simple interactive Windows programming that makes message creation intuitive and efficient. Compatible with Windows XP and above, the FX App supports unlimited message storage, multi-language capabilities, and seamless integration with factory network systems. The optional 7-inch Touch Screen Controller brings all these powerful features directly to your production floor with an elegant, user-friendly interface.



Simple Interactive Programming

Intuitive icon-led message creation with Windows-based interface. Reliable printing in one click with easy-to-use controls for message width, delay, and print direction.



Multi-Language Support

Create messages in any language with full Unicode and True Type Font support. Perfect for international operations and diverse product lines.



Networking & Analytics

Manage multiple printers from one place. Monitor progress, track faults, and gain insights with comprehensive print analytics and advanced printer management.



Full DLL Integration

Seamless integration with factory systems via USB cable, RS485, or Ethernet for direct message creation or factory network connectivity.



7" Touch Screen Controller

Simple interactive windows programming using FX App. Available on PC and dedicated 7-inch touch screen controller for production floor convenience.



Auto Programming

Support for auto programming with barcode reader. Connectivity includes USB-A, USB-B, RS232, RS485 Multi port, and optional Ethernet with 24v DC input.



External Device Support

Supports external alarms, beacons, and encoders for comprehensive production line integration and monitoring capabilities.

Foxnix Coding Ltd continuously improves products and software. Specifications are subject to change.