

BIXOLON Unveils the NEW XD5-40II Series for the European Market

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RFID and Healthcare Models Strengthen BIXOLON's New XD5-40II Series

[BIXOLON Europe GmbH](#), a subsidiary of BIXOLON Co. Ltd, a leading global Mobile, Label and POS printer manufacturer, today announces the European launch of its new [XD5-40II series](#), a next-generation 4-inch (118 mm) desktop label printing solution engineered for versatility across manufacturing, retail, logistics, healthcare and more. Building on the success of its predecessor, the XD5-40II delivers enhanced performance, greater efficiency, and improved user experience, cementing BIXOLON's position as a leading innovator in the label printing market.

The XD5-40II series is available in **direct thermal (XD5-40IId)** and **thermal transfer (XD5-40IIH)** models delivering high performance printing for medium-volume applications across logistics, retail, and healthcare. Offering **print speeds of up to 8 ips, at a resolution up to 300dpi** and a large **512 MB SDRAM / 512 MB Flash memory**, the compact clamshell printer ensures efficient, reliable operations. User convenience is central to its design, with **intuitive menu buttons** and an optional **2-inch LCD display** simplifying setup and ongoing management.

Key capabilities of the XD5-40II include:

Wide software and language compatibility, supporting SLCS, BPL-Z™, BPL-E™, and Smart Switch Programming Language.

Comprehensive label design support through Label Artist-II™, Label Artist™ Web, and Label Artist™ Mobile. Plus **mobile printing readiness**, including the mPrint App, Web Print SDK, and **XPM™ web-based device management**.

USB Host Port for direct connection of memory sticks, scanners, keyboards, and other peripherals.

Twin Function™ cloning for quick duplication of printer settings across multiple devices.

Enhanced ribbon handling with a push-up/pull-down mechanism supporting both 74 m and 300 m ribbons.

Tool-less maintenance, adjustable media guides, and easy media loading for reduced downtime.

Smart Media Detection™ for automatic recognition of gap, black mark, continuous, and notch label formats, plus automatic skipping of empty labels.

Optimised performance with B-ribbon™ Supplies, ensuring consistent print quality and increased productivity.

XD5-40IIH – RFID Label Printer

The XD5-40IIH RFID model enhances tracking accuracy and supply-chain visibility with UHF RFID encoding and printing capabilities. It supports a broad spectrum of RFID tags and inlays, offering precise encoding performance, advanced anti-collision technology, and user-friendly RFID calibration tools. This makes the XD5-40II RFID ideal for applications requiring item-level tagging, inventory management, and real-time asset monitoring.

XD5-40II Healthcare

Designed to meet the stringent requirements of European medical environments, the XD5-40II Healthcare models come with all the capabilities of the direct thermal (XD5-40IId H) and thermal transfer (XD5-40IIH H) models plus feature **IEC 60601-1 compliant power supplies** for safe use in patient care areas, along with **disinfectant-ready, antimicrobial casings** built to withstand frequent cleaning. Their **UV-resistant enclosures** ensure durability under repeated sterilisation or UV exposure. These enhancements make the Healthcare versions ideal for **patient ID**

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Related Keywords:

Product Launch :: Auto-Id :: Label Printers :: Desktop Label :: Direct Thermal :: Thermal Transfer :: RFID :: Healthcare ::

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wristbands, specimen and diagnostic test labelling, pharmacy dispensing, and healthcare asset tracking, supporting improved patient safety, regulatory compliance, and operational efficiency.

“The XD5-40II series represents our commitment to delivering reliable and innovative printing solutions tailored to the evolving needs of European businesses,” cites Paul Kim, Managing Director, BIXOLON Europe GmbH. “With advanced performance, RFID capabilities, and dedicated Healthcare models, the XD5-40II reinforces BIXOLON’s mission to provide customers with industry-leading technology that enhances productivity and operational efficiency.”

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About BIXOLON

BIXOLON is a leading global manufacturer of innovative, advanced printing technologies including point-of-sale receipt, label, Auto ID and mobile printers for a wide range of environments. Millions of BIXOLON printers are used today in retail, hospitality, healthcare, banking, ticketing, post/parcel, warehousing and other transaction-intensive industries. In 2023, for the 10th consecutive year BIXOLON was named global mobile receipt printer market leader by Japanese research company Chunchisha.

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