

Introducing the mC-Label2 – Star's Compact 2" Label Printer



Star's new mC-Label2 direct thermal label printer is purpose-built for space-conscious environments, combining high performance with an ultra-compact IP22-rated design. At less than 10cm wide and with a unique front-loading design, which allows easy paper loading in confined areas, the mC-Label2 fits where other printers can't - under the counter, mounted on a shelf or in any tight workspace.

Smaller Device, Smarter Investment

The high-resolution 300dpi print head ensures that even the smallest text, barcodes and graphics are sharp, legible, and professional even in paper-saving mode. Flexibility is built in — the mC-Label2 supports both linerless and traditional liner backed media, giving you more control over how you print.

Key Applications

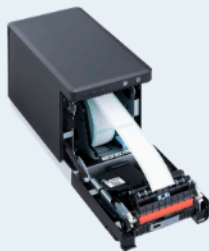
- ✈ Retail
- ✈ Hospitality
- ✈ Healthcare

Despite its compact size, the mC-Label2 supports high capacity media rolls, helping to reduce the frequency of paper changes and improve efficiency. It's a breeze to change label rolls with no fiddly cartridges or ribbons, simply drop in a new roll and close the cover. The width is fully adjustable to take label rolls from 25mm to 60mm wide.

Multi-Media Printer

Print your way - any label, any size.

The mC-Label2 prints on traditional die cut media as well as strong linerless media and re-stick media for repositionable labels. It can also print receipts and orders simply by changing the roll.



Linerless Die-cut Continuous Receipts



Cloud Connected Label Printing

With connectivity including USB, Ethernet LAN, Bluetooth and WLAN as well as Star CloudPRNT technology, the mC-Label2 integrates effortlessly into your existing setup. Print labels from PC, tablet, smartphone or directly from the Cloud.

And for developers, the mC-Label2 offers seamless integration using Star drivers, SDKs or CloudPRNT Next — making it ready for the connected future.





mC-Label2 Specifications

Features

- 2" Direct thermal label printer
- Ultra-compact, front-loading design for top or under counter or shelf mounting
- IP22 rated design for kitchen use
- Prints on permanent linerless, re-stick linerless, traditional liner backed die-cut media and receipts (depending on model)
- Fully adjustable - supports label rolls from 25mm to 60mm wide
- Supports large 102mm diameter media rolls for fewer roll changes
- Simple drop-in label loading
- Automatic cutter (multi-media model only)
- Fast 180mm / second print speed
- 300dpi resolution for high-quality text, graphics and barcodes
- Print Hold / Paper Taken sensor for queuing printouts with linerless media
- Cost effective paper-saving mode
- One-Touch-Label for storing frequently used labels
- Web-and Cloud-based printing support – ideal for modern SaaS solutions
- Multi-connectivity for PC, Tablet, Smartphone and Cloud Based systems: USB, LAN, Bluetooth^{*1}, WLAN^{*1}, CloudPRNT
- Sync and Charge with supported Tablets and Smartphones via USB-C
- Simple Bluetooth and WLAN set-up
- Tool-free maintenance with guided video support
- Developer-ready with Star iOS, Android, and Windows SDKs & CloudPRNT Next

Models

- **MCL21CWB1** ^{*1}Die-cut and Linerless labels. USB, LAN, Bluetooth, WLAN, CloudPRNT
- **MCL21CI** Die-cut and Linerless labels. USB, LAN, CloudPRNT
- **MCL21CWB1^{*1} LBL** Die-cut labels. USB, LAN, Bluetooth, WLAN, CloudPRNT
- **MCL21CI LBL** Die-cut labels. USB, LAN, CloudPRNT



Simple Bluetooth and WLAN set-up via QR code or Star Quick Set-Up Utility

Description	Compact 2" Direct Thermal Label Printer
Print Speed	180mm/sec
Operation	Front Opening, Front Paper Loading
Resolution	300 dpi
Diameter	Max ϕ 102 mm
Paper width	25mm – 60mm fully adjustable
Print Width	15mm – 56.9mm (Default : 48.7mm)
Top Margin	3mm
Minimum print paper length	21mm
Roll paper loading	Drop-in
Dimensions W x D x H (mm)	98.0 x 185.0 x 145.5
Connectivity	• Ethernet LAN • USB-C (including sync and charge with supported tablets) • USB-A for peripheral hub • WLAN^{*1} • Bluetooth^{*1} • Star CloudPRNT ^{*1} CWBI models
Operating Environment	5°C-45°C / IP22 rated / Insect-proof design
Includes	mC-Label2 Printer, PS65AT-24 power supply, power cable, USB-A to C interface cable, safety guide
Additional features	• One Touch Label • Star Label Builder • Star Set-Up Utility • Tool-Free Maintenance

Specifications are subject to change without notice