

# MARKCOM MARK-2 ULTRA



## The MARKCOM MARK-2 ULTRA Printer

is the updated model from the previous model with the upgrade with a larger display, thinner control unit, more secure cable connector and more powerful hardware.

### User-friendly Interface

Using the embedded linux intelligent operating system, our software engineer has enhance the user interface to be more user-friendly and professional at the same time. Now with industrial grade 10 inch color touch screen, we provided more logo based option and also added digital ruler at the border of message box to provide precise message creation. Orientation and direction settings can also be seen clearly with logo simulation in the setting menu. Still maintaining our one touch change print density and WYSIWYG editing function to operate MARKCOM MARK-2 ULTRA Offer printing height up to 1 inch. Using the latest cost calculation algorithm for ink drop consumption, MARKCOM MARK-2 ULTRA can Instantly calculate the cost of printing for customer.

### Built-in Reliability

It adopts American TI AM3358 industrial grade CPU and Xilinx Spant6 grade FGPA making the machine more reliable and responsive for industrial application in various working conditions. The printer engine uses TIJ's Dedicated ASIC chip to perfectly match HP's original and licensed inks. Professional ink cartridge preheating algorithm ensures optimum printing quality in various environment.

### Practical - 1D and 2D Code

MARKCOM MARK-2 ULTRA provide powerful and variable Barcode and 2D code printing to meet customer's application requirement. Efficient and flexible variable database capabilities to meet a variety of traceability applications.

### Anti-interference Body

Built with Aviation aluminium anodized body for anti-interference and high level protection.

### Multiple Languages

Support 20 multi-languages and keypad.

## Water Based Cartridge

Save Printing Cost

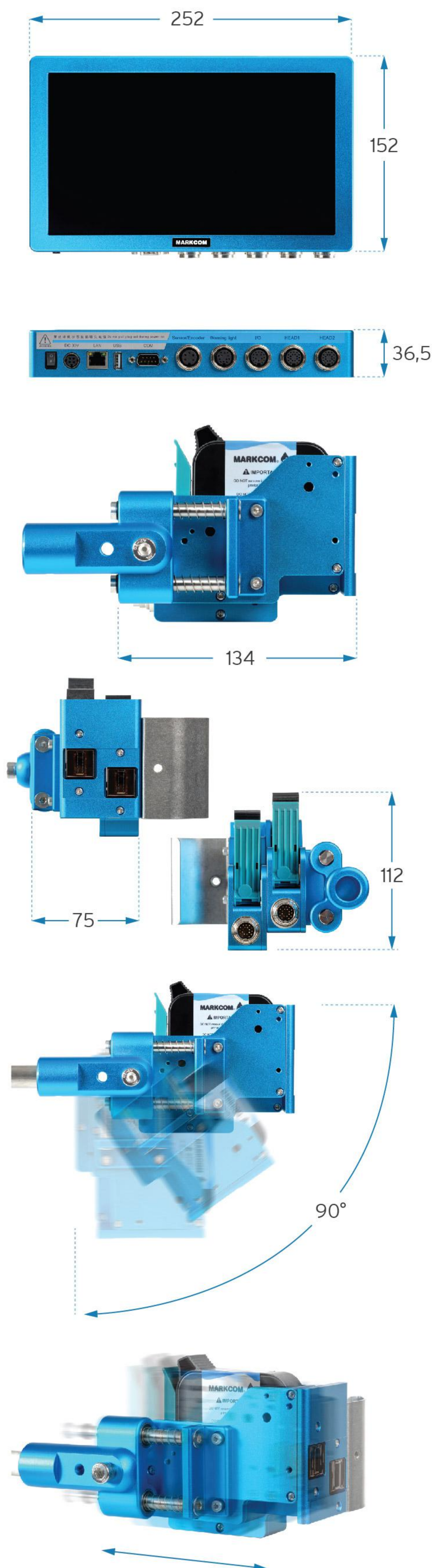
Up to **40%**



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# MARK-2 ULTRA SPECIFICATIONS



## Panel Control User Interface Operating System Hardware

10" color touch screen  
Simple - user friendly UI  
Embedded Linux operating system  
American TI AM3358 industrial-grade CPU/USA Xilinx Spant6 industrial-grade FPGA/TIJ dedicated ASIC chip

## Communication Interface External Interface

USB/RJ45 to RS232  
Photocell (Included)  
**Optional:** -Encoder/reverse inverting control  
-Tower Light Indicator

## Print Engine Message Store Capacity Multi-Languages

TIJ Technology  
Up to 1000  
English, Chinese, Arabic, Japanese, Korean, Thai, Vietnamese, French, German, Finnish, Italian, Norwegian, Portuguese, Spanish, Russian, Danish

## Indicator Print Resolution

Display alarm indicator  
Resolution up to 600 x 600 DPI (vertical: 100DPI, 150DPI, 300DPI, 600DPI, landscape: 30-600DPI precision adjustment)

## Print Density Print Speed

1 to 6 one-touch density  
406m/90DPI, 304m/120DPI, 240m/150DPI, 120m/300DPI, 60m/600DPI  
(multi-group variable data ultra-high speed response printing)

## Print Distance Print Height Print Capability

2 ~ 4 mm  
12,7mm (0,5") Variable adjustable font size and lines  
Alpha numeric, date, time, month code, week code, alpha hours, counter, logos

## Barcodes

QR Code, Data Matrix, EAN8, EAN12, Code128, Code39, UPCA, UPCE

## Nozzle Type Ink Various Catridge Chip Electirc Requirements Working Environment Weight Dimensions

Thermally foamable head TIJ2.5  
Water-based, Solvent-based  
Non-contact RFID, automatic identification and recording ink  
Power adaper 100-240V AC input, 30V 4A DC output  
Temperature of 0-45°C / humidity of 30-70% Rh  
800gr

## Mounting Orientation Printhead Mounting

Side (Horizontal) - Downside  
Anti-Shock Mechanism



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