



Marking & Coding Solutions

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Hi-Res Piezo Series

RNJet 100+ & RNJet 200+



RN Mark Inc



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WWW.RNMARK.COM



@rnmarkinc



@rnmarkinc



Valery - Sales Division



Mission Statement

RN Mark Inc is a Canadian manufacturer based out of Richmond Hill, Ontario. For over 20 years we've had the pleasure of designing and providing affordable, high performance, maintenance-free industrial inkjet printers for coding and marking to companies across the globe.

RN Mark was established in 2002, and since then our engineers and dedicated team have strived to create top-shelf machines that fit seamlessly into any line, keeping costs down and production moving.

“Our machines are designed to be very low maintenance, keeping your operating costs down and your profits up. With RN Mark printers, marking and coding your products has never been easier. We offer a wide variety of inks, and our stand-alone controller features a Windows based interface which is easy to use and has endless capabilities to ensure all your company's needs are met.

When you purchase an RN Mark product, you can count on our uncompromising approach to exceeding expectations and our unmatched customer service.”

Print up to
36mm in height
with stitched heads



Print up to
18mm in height
on two sides,
simultaneously



Print at a
downward
angle



Bi-color
printing with
two heads



RN Mark is proud to offer the most affordable and high-quality solutions on the market for your production line. It's much easier to buy the full solution, rather than looking for different equipment from various suppliers and trying to make them work together. You can get an all inclusive system: industrial inline hi-resolution inkjet printer and friction feeder from one company. Discover a cost-effective, robust solution that can handle your requirements well into the future, producing clean and legible codes on practically any material, regardless of the environmental temperature and humidity levels.

Motorized Bulk
Ink System

Print Head Driver

High Speed,
User friendly,
Stand alone LCD
Controller

Reliable

Economical

High
Speed

Low
Maintenance

High
Resolution

Canadian
Quality



*Cartridge not included

What can you expect from choosing an RN Mark machine for your
Coding & Marking Solution?

- Creation of high-quality codes, even on high-speed bottling lines
- Consistent code quality and Industry-leading functionality
- Affordable pricing and low cost of ownership
- Easy & swift integration into your production line



RN Mark Printers



With RN Mark printers, marking and coding your products has never been more simple, or affordable. Our inkjet print solutions are designed to be seamlessly integrated into your production line; with brackets and photocell included, the machine is ready to go right out of the box.

Our inkjet coders are built with quality components, making the machines highly durable and able to withstand the often harsh conditions of a production line. Print with industry-leading speeds on virtually any surface; uneven or curved facets are no problem for our robust print heads.



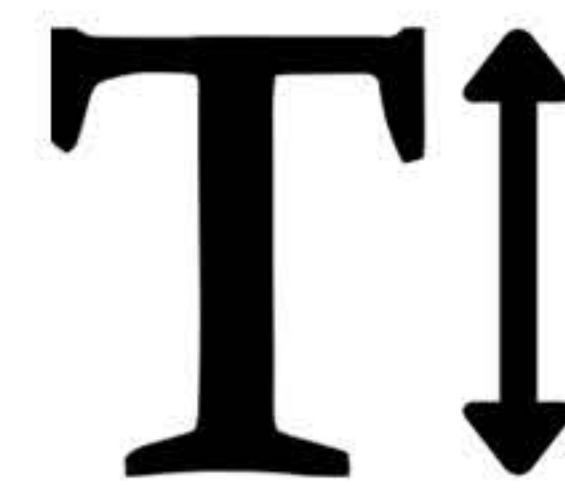
Print Speed

Our printers have high printing speeds; keeping up with your production line while maintaining superior print quality.



Canadian Quality

We are a proudly Canadian company; our machines are designed and fully manufactured by our skilled team of technicians in Ontario.



Print Height

Print a single line at 18mm, or up to 36mm in height using a small character machine with stitched heads.



Resolution

Our machines maintain top-shelf resolution when printing on practically any material, porous or non-porous.

Our dedicated team works hard to provide the very best industrial inkjet printers with a focus on quality, simplicity, affordability, and exceptional customer satisfaction.

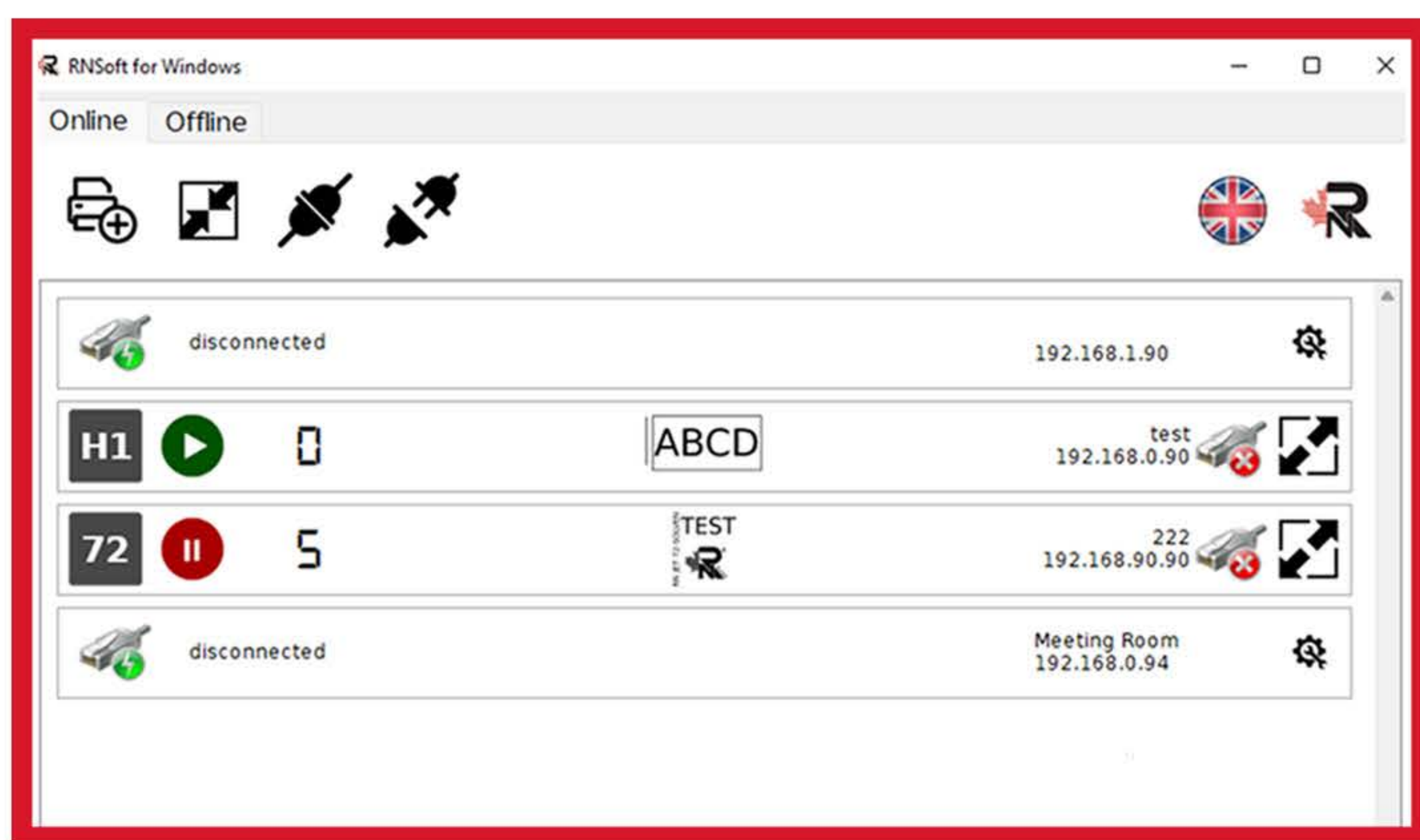
We offer turn-key automation, control system design and integration, as well as custom mounting to ensure ease of use and integration into your business.



A question that we often encounter is about print quality on cardboard. This material is porous, absorbent and uneven; a recipe for potentially diminished quality. Our manufacturers have performed a number of comparisons, both in-lab as well as at customer sites, and although print resolution of industrial inkjet printing is lower than print & apply labels, functionality is not affected. Barcodes and QR codes are accurately and reliably scanned but at substantially lower costs. You can trust that our printers will deliver the highest possible quality and we are confident that you will be pleased with the results.



Our Software is User-friendly, the document creation process is as easy as Microsoft Word. Simply create your design and print it in one simple step. RNSoft is a remarkable tool for boosting productivity and reducing costs, it puts a professional labeling and barcode design tool right at your fingertips. Every RN Mark printer comes pre-installed with RNSoft, free of charge. No limitation of Users and plenty of languages are available.



Our specialized Windows-based software comes equipped with a low ink indicator and ink level calculator. When the ink cartridge is inserted, RNSoft measures the remaining ink level via the cartridge chip, and lets you know when it's time to replace. This allows for close monitoring of each individual color and cartridge, never missing a print.



RNSoft allows up to 100 printers to be connected simultaneously to one PC through your network.

Want color options? RN Mark's got you covered!

Our machines are capable of printing on any piece you need marked. With RN Mark's industrial inkjet printers, you can perform non-contact printing not only with black ink, but also pigmented white and pigmented yellow, red, and blue.

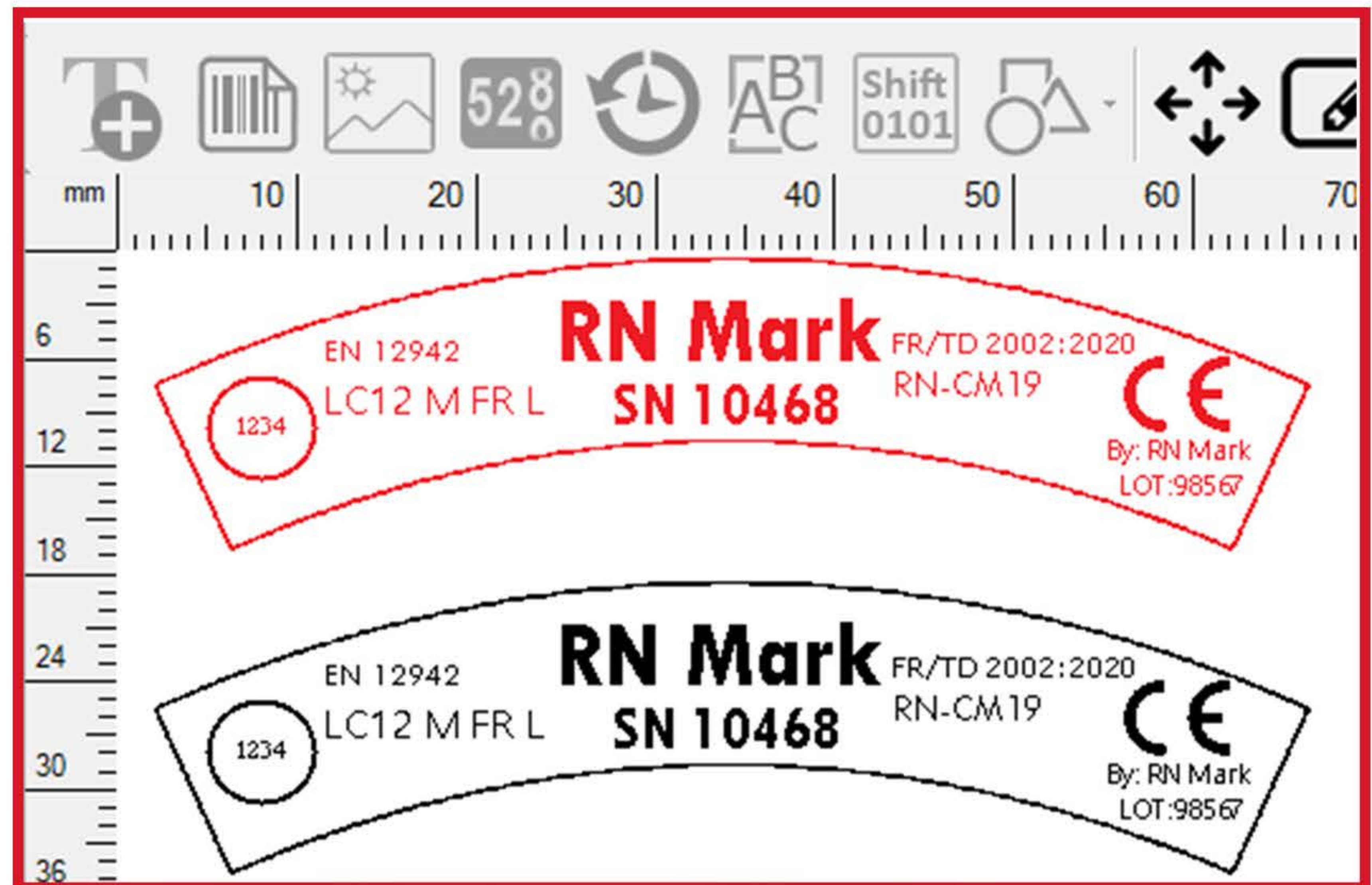


Printable Data



Each printer comes pre-loaded with our Windows based software, free of charge. This user-friendly software is capable of printing the following data on practically any surface you need:

- Static text
- Auto date & time
- Julian date
- Jalali date
- Auto manufacture date
- Auto expiry date
- Batch number
- Serial number
- Auto shift codes
- Logo
- Image
- QR code
- GS1 Data Matrix
- UDI
- Database
- Counter
- External text
(weight & other info from scale and barcode scanner)



Our 7" Touchscreen LCD controller is made from stainless steel. This robust piece of machinery is dust and droplet resistant, and has no problem handling the often harsh conditions of a production line.

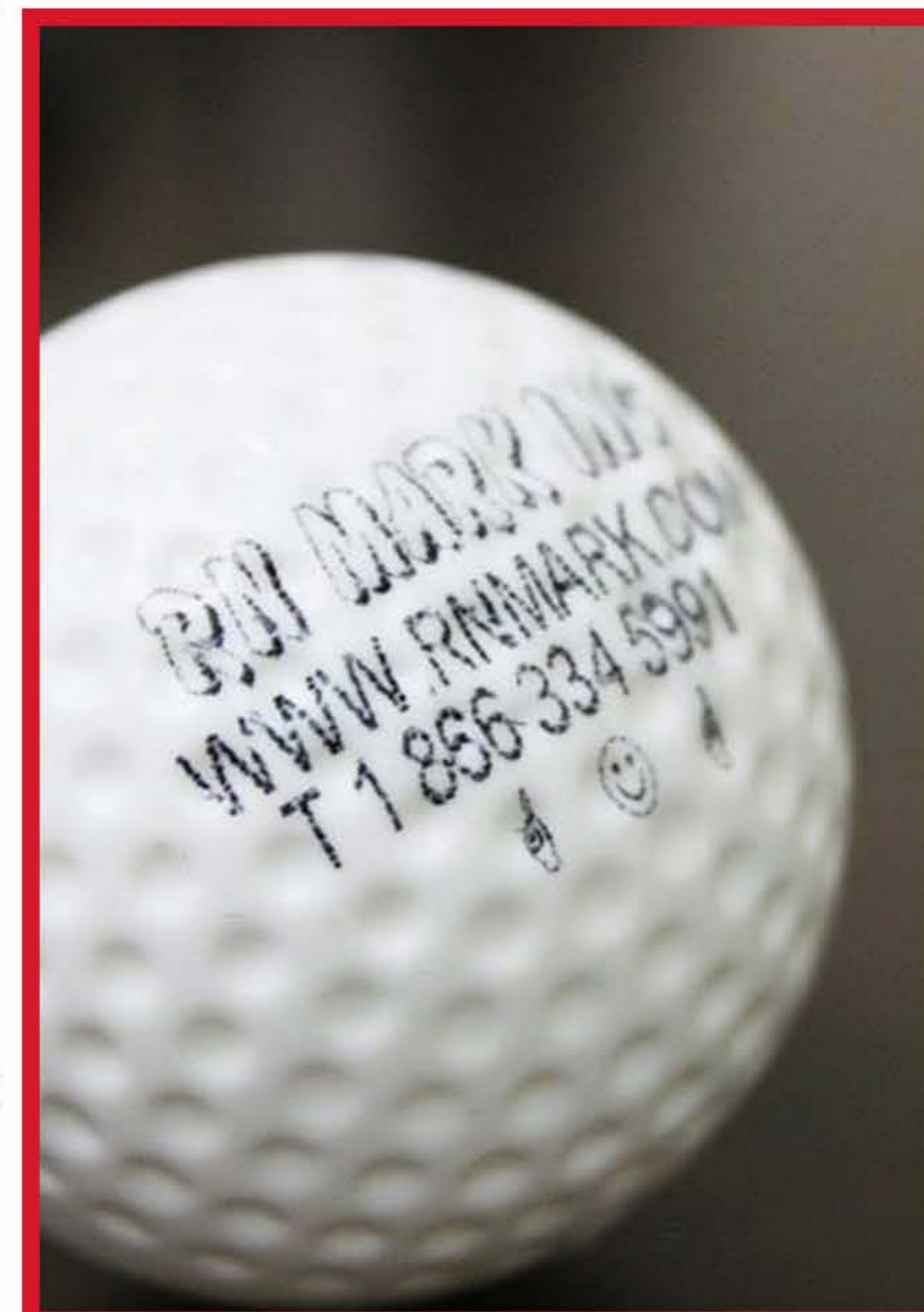


Printing & marking legible and accurate information on products is an important requirement for any manufacturer. RN Mark provides industrial inkjet printers for printing Logos, Julian Dates, ISPM Marking, IPPC Certification symbols, Country of Origin, any type of barcodes, serial numbers, etc. in a wide variety of languages. Specially designed printing solutions for marking your products will keep your production going with no downtime, and ensure clear, legible prints every time.

Print Samples



We are experts in the marking & coding requirements of Food & Beverages, Breweries, Cables & Pipes, Extrusion lines, Cosmetic & Personal Care, Dairy, Egg Production, Pet Food Lines, Electronic Components, Cardboard & Carton Printing, Face Respirators, PPE & Mask Production, Hand Sanitizers, Pallets and Wood Products and many more industries. RN Mark printers ensure legible, accurate prints every time, so you are always complying with the marking and coding regulations of your industry.



With RN Mark's inline solutions, it's easy and cost-effective to mark your product, whether it's metal or fiberglass material, plastic or cloth, pleated paper or PET recyclable plastic!

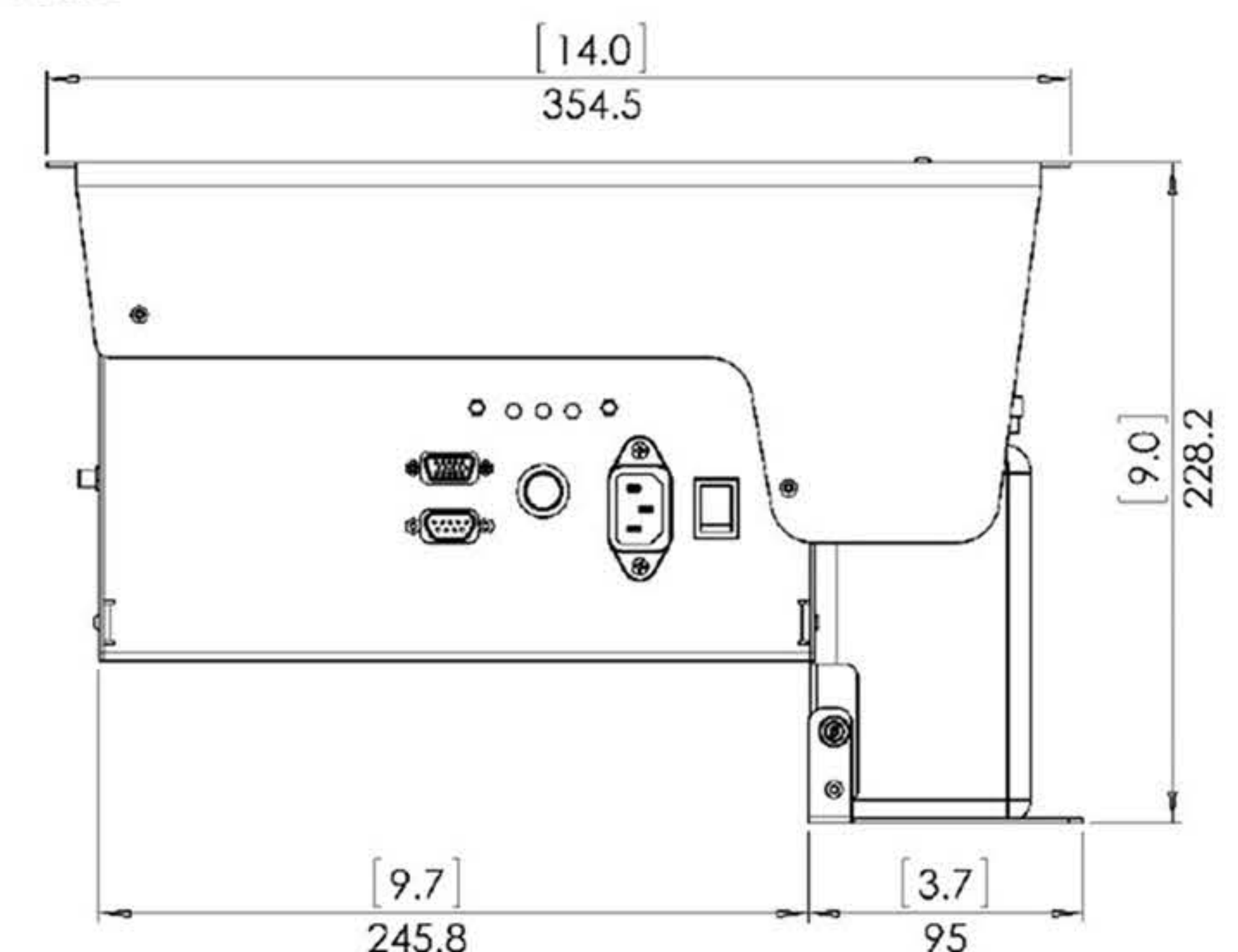
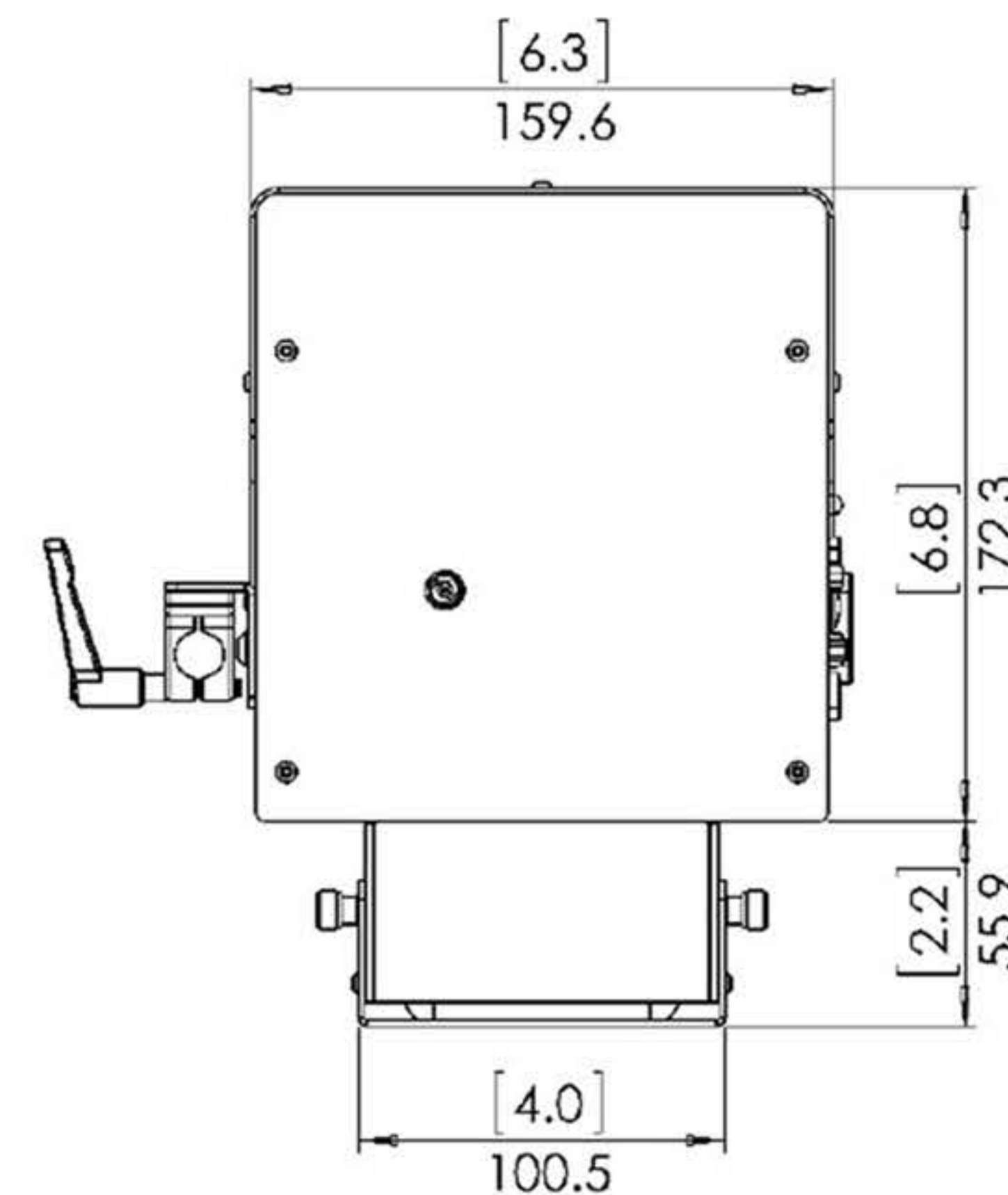
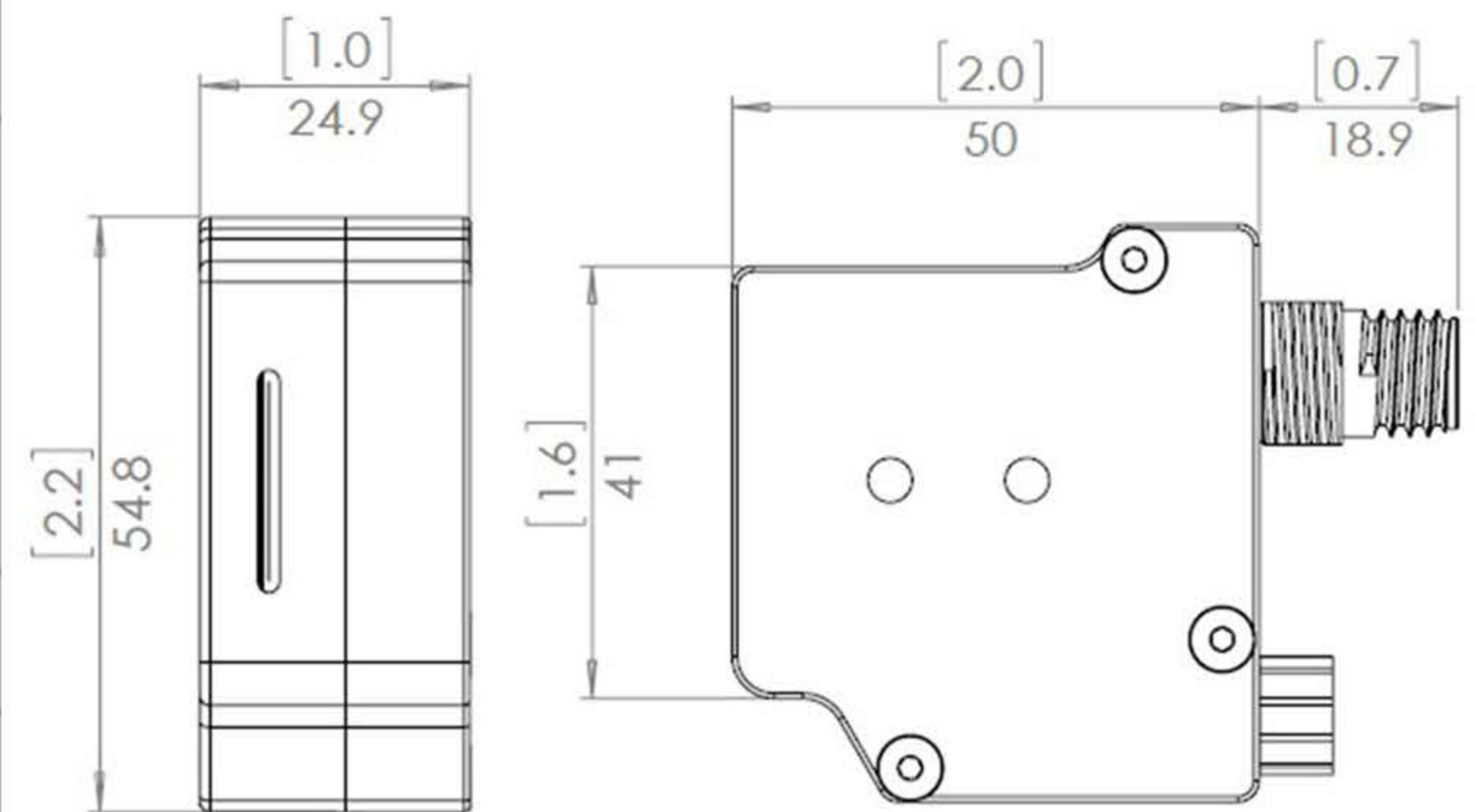
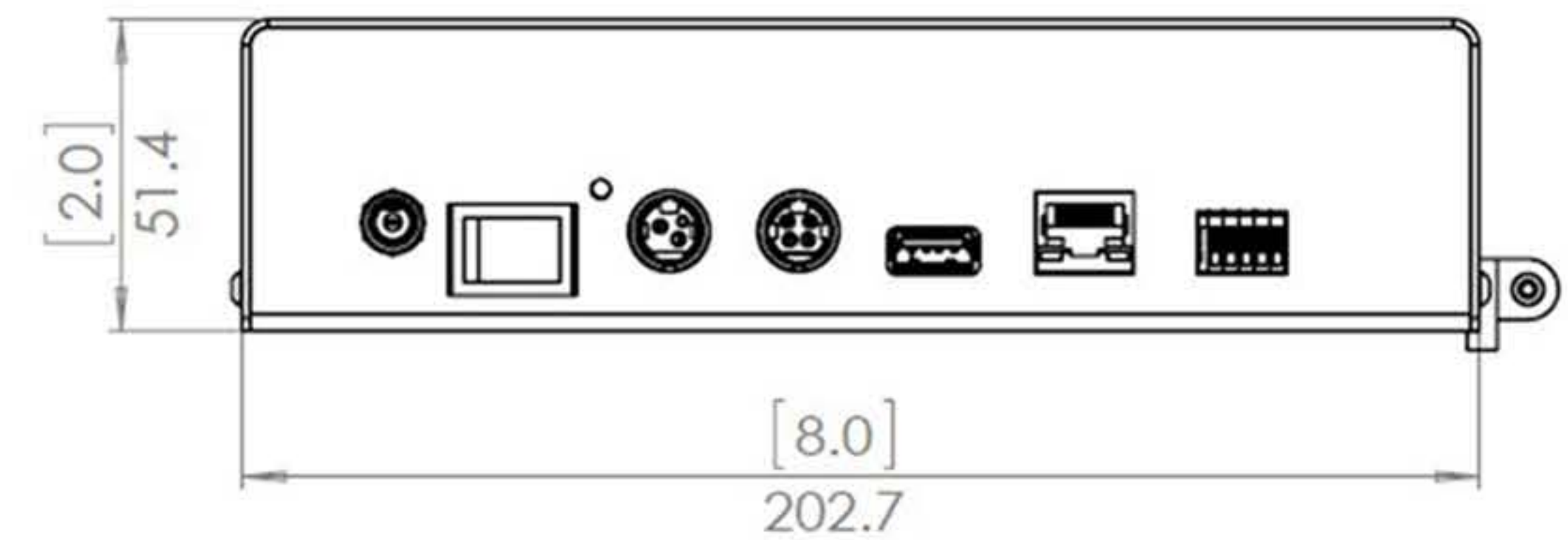
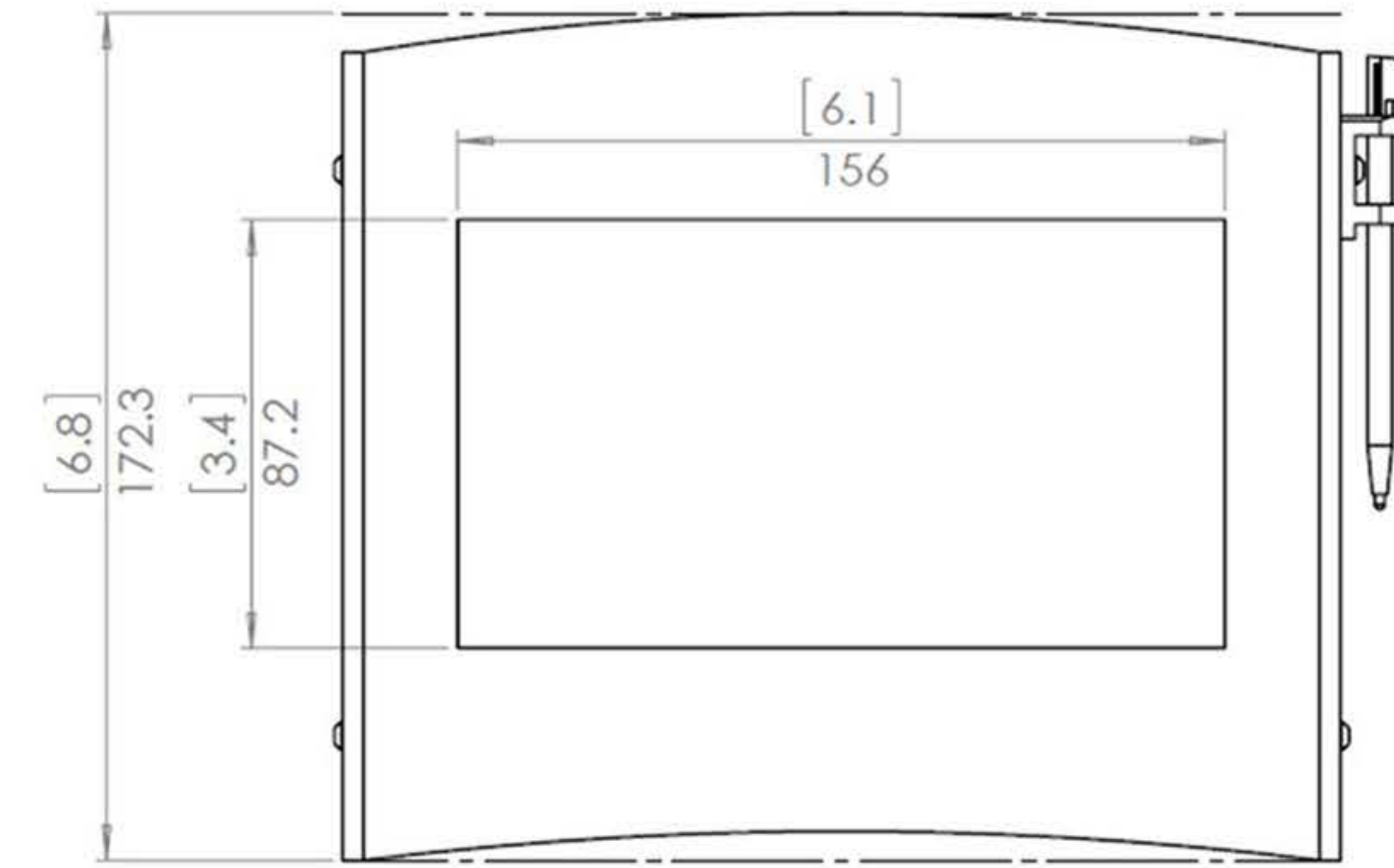
Consult with our specialist to get the right solution for your production line.



Specifications








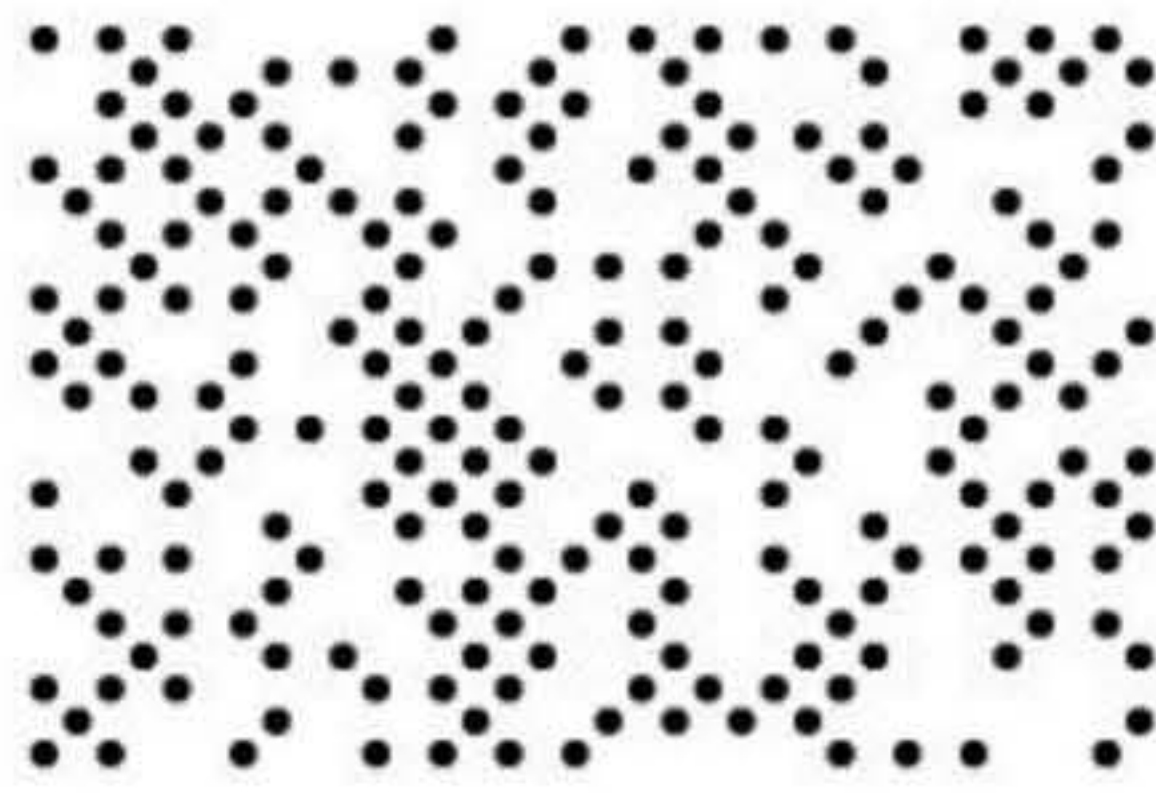


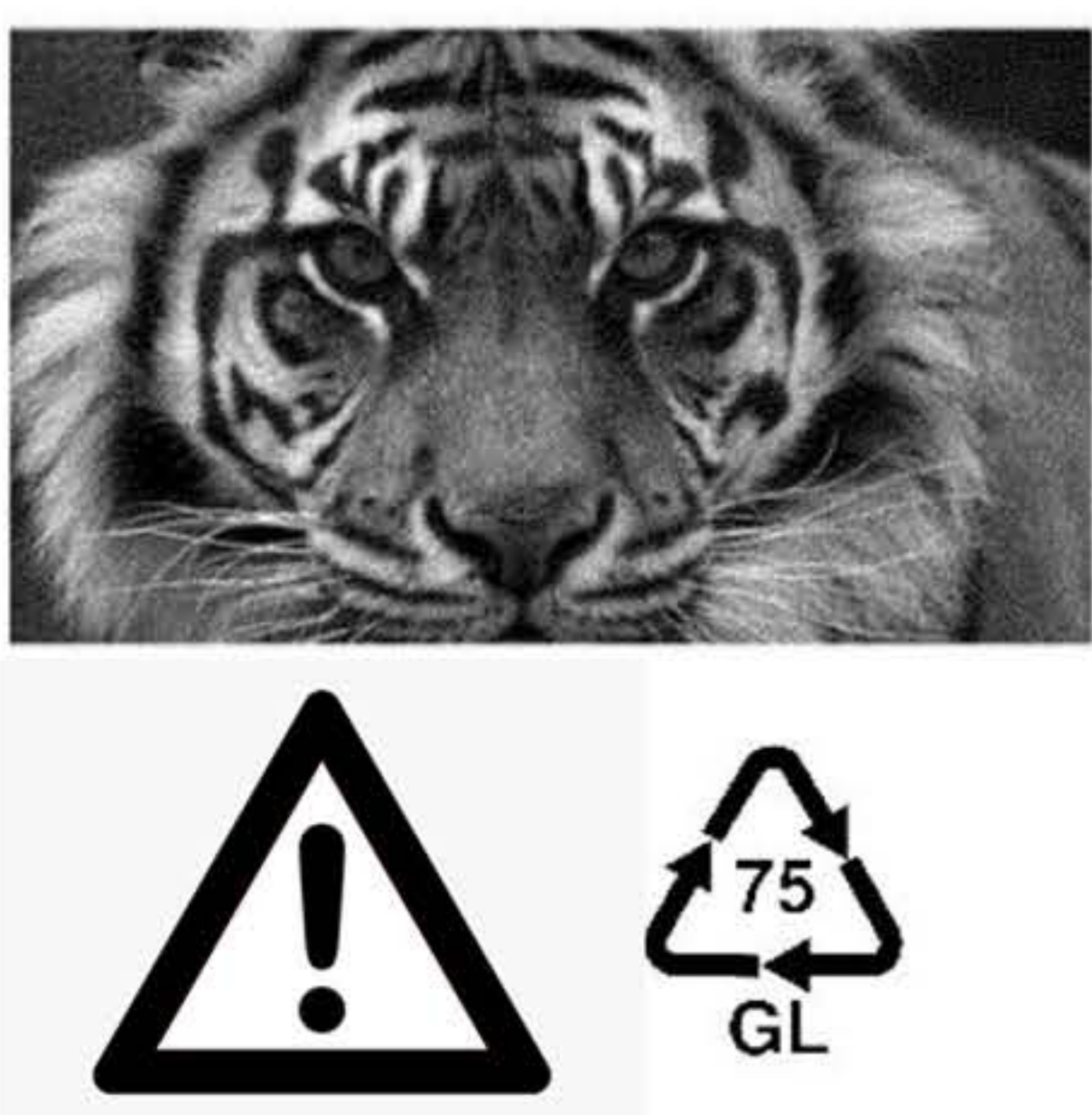
| Specifications | RNJet 100+ | RNJet 200+ |
|--|--|---|
| Display | 7" touchscreen LCD controller | |
| No. of Print Heads | 1 | 2 |
| Printing Speed | up to 40m/min (180 dpi) or up to 60m/min (100 dpi) | up to 40m/min (180 dpi) or up to 60m/min (100 dpi) |
| Max. Print Height | up to 18mm | up to 36mm |
| Printing Distance | up to 15mm | up to 15mm |
| Printing Orientation | Side printing, downwards, at an angle | |
| Min. Drying Time for non-porous material | 10 to 15 seconds, depending on material | 10 to 15 seconds, depending on material |
| Ink System | Motorized bulk-based system (490 ml bottle) | Motorized bulk-based system (490 ml bottle) |
| Ink Management | Ink calculator on controller, Low ink LED indicator, output for optional ink beacon alarm | Ink calculator on controller, Low ink LED indicator, output for optional ink beacon alarm |
| Ink Colors | Black, Red | Black, Red |
| Ink Types | Solvent-based, oil-based, and food-grade inks | Solvent-based, oil-based, and food-grade inks |
| Max. Printing Length | up to 9200mm | up to 9200mm |
| Print Modes | Single & Continuous | |
| Supported Database Format | CSV | |
| Message Library | More than 1000 messages | |
| Interface & Keyboard Languages | English, French, Spanish, Italian, Portuguese, Russian, Arabic, Farsi, and many more | |
| Software | RNSoftPlus for controller, and RNSoftPlus for Windows included for free with every printer | |
| I/O Ports | Photocell, Shaft Encoder, Ethernet, RS-232, USB, RS 485, beacon alarm | |
| Operating Conditions | Temp: 0°C - 45°C Relative Humidity: 20%-80% | Temp: 0°C - 45°C Relative Humidity: 20%-80% |
| External Power | Input : 100-240V 50/60 Hz. Output : 12v-5.0A, 60W Max | Input : 100-240V 50/60 Hz. Output : 12v-5.0A, 60W Max |



Dimensions are in mm [inch]

Software Abilities



| Description | Print Samples | | |
|---|--|---|--|
| Linear Bar Codes (EAN, ITF-14, UPCA, GS1 Databar, and many more) |  (01)01013568089768 |  2 20 10172 38968 3 |  2 20101 47521 1 |
| 2D Codes (QR, GS1 DataMatrix Standard, Dot Code, GS1 Databar-Stacked & Limited, MicroPDF and many more) |  |  |  |
| Logos & Graphics (Print any image, logo, graphic or icon with Dither or negative) |  |  |  |
| Specialty Fonts (Download any TTF Fonts such as Arial, Dot Font, and many more) | RNJet RNJet | WELCOME! Bonne après-midi Bienvenido | ДОБРО ПОЖАЛОВАТЬ خوش آمدید أهلا بك |

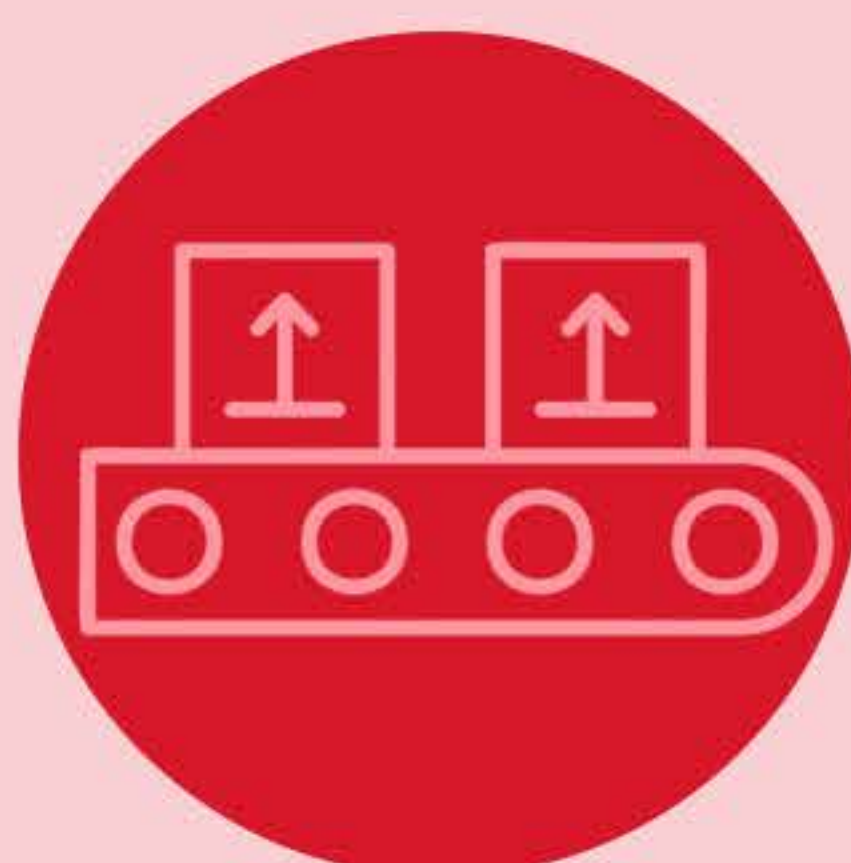
Print any barcode, image, graphic, or font at any rotation with our user-friendly design software.

RNJet 100+

18
mm

High Resolution

Print up to 18mm in height



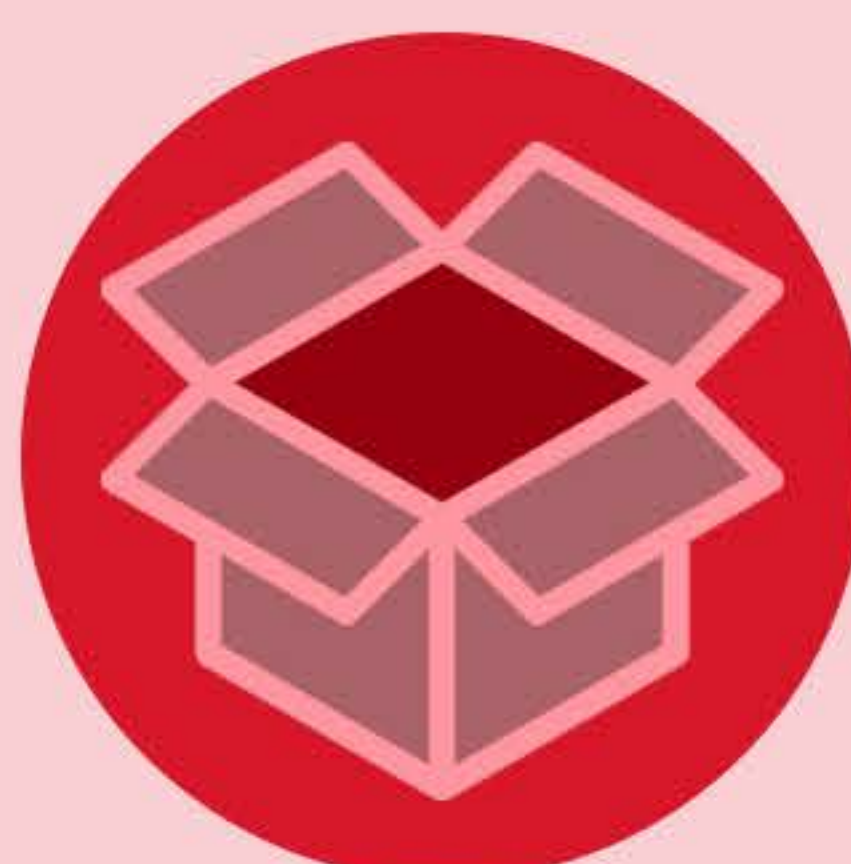
Stand-Alone Printing

Easily integrated into any production line



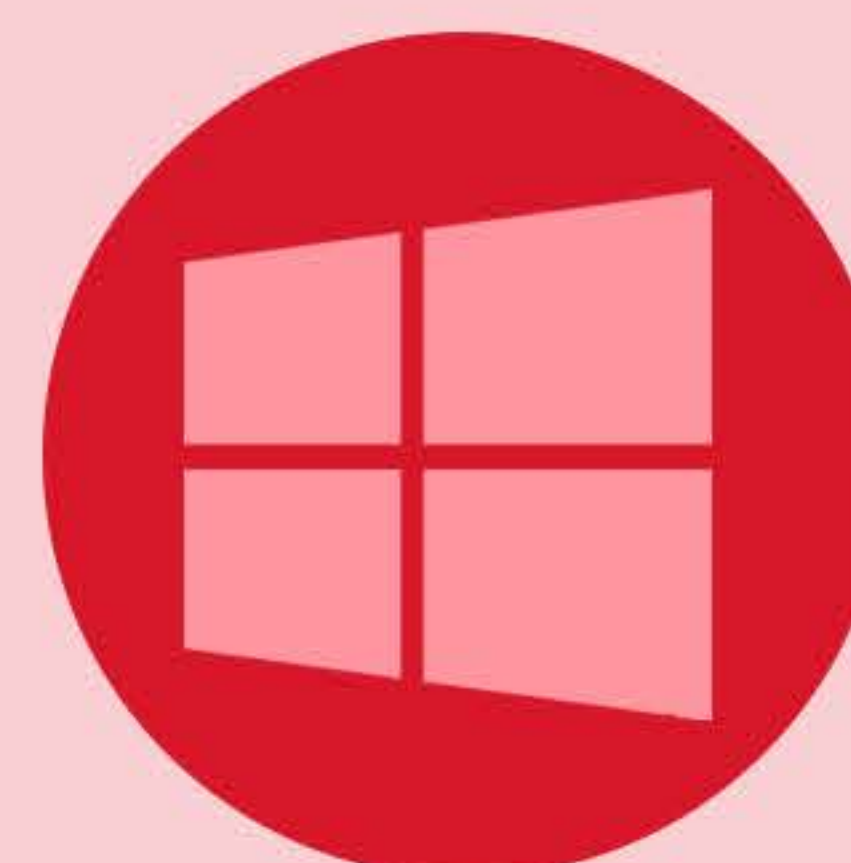
Logos, Graphics and Barcodes

Import JPG, BMP, and PNG files. Create 1D, 2D and QR codes.



Out of the Box Installation

Low maintenance and compact, includes brackets for production line installation



RN Soft

Windows-Based Software



All True Type Fonts & Symbols

Create messages in any language

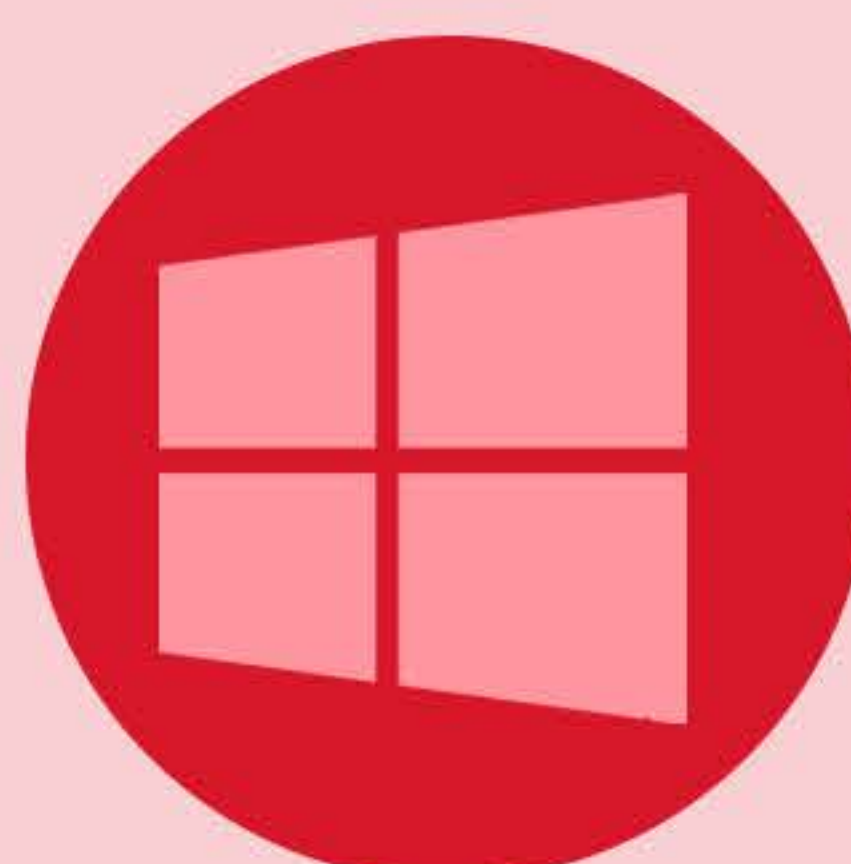


RNJet 200+

36
mm

High Resolution

Print up to 36mm in height



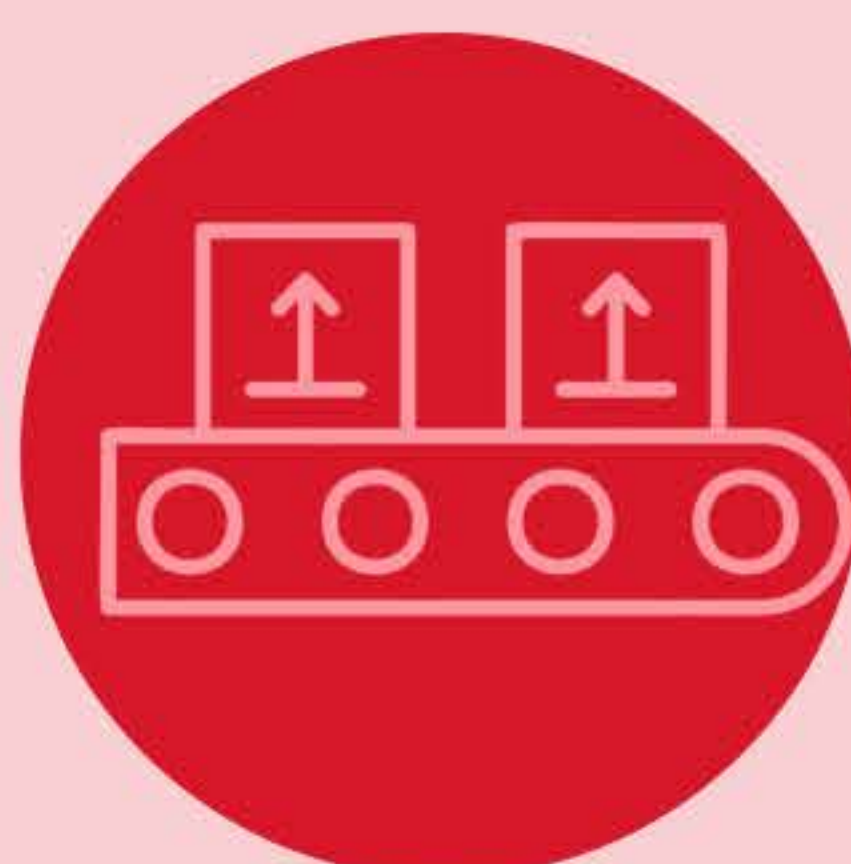
RN Soft

Windows-Based Software



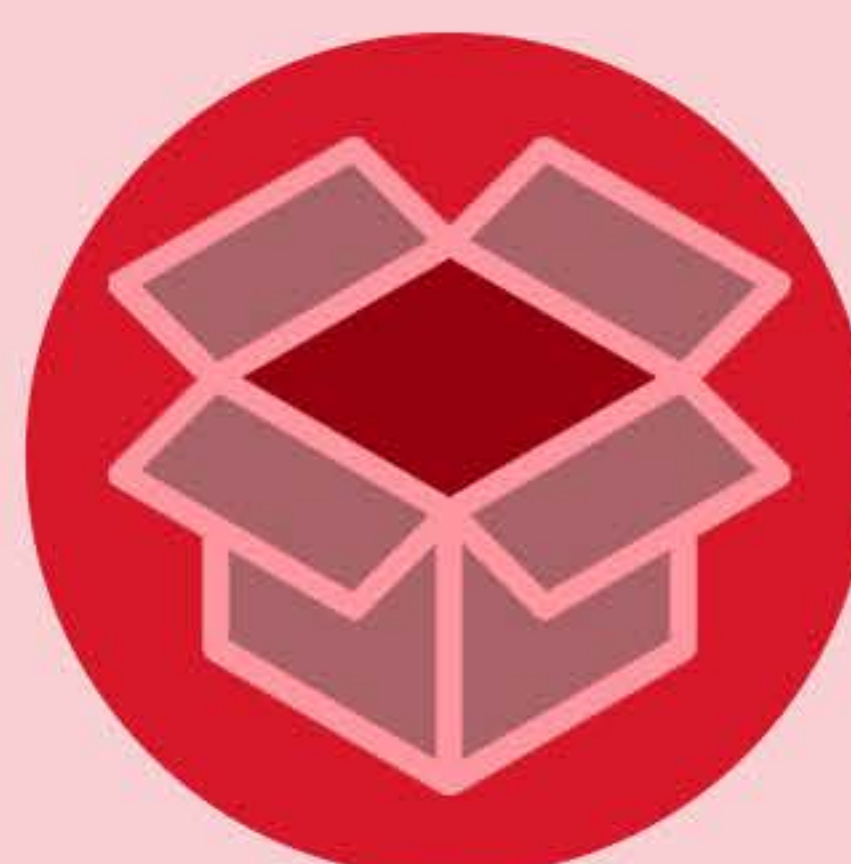
All True Type Fonts & Symbols

Create messages in any language



Stand-Alone Printing

Easily integrated into any production line



Out of the Box Installation

Low maintenance and compact, includes brackets for production line installation



Logos, Graphics and Barcodes

Import JPG, BMP, and PNG files. Create 1D, 2D and QR codes

