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R20 PRO

Touch Screen Controller With High-speed TIJ
2.5 Dual Print Heads



RYNAN[®]
TECHNOLOGIES
PRINTING

PRODUCT

DESCRIPTION

The RYNAN R20 PRO is the next generation of RYNAN TIJ printers. With a 7" touch screen controller that connects up to two print heads (TIJ 2.5 technology) that is capable of high-speed applications, the R20 printer control system is highly adaptable to your packaging printing needs.



VERSATILE



Easy to use

7" Touch screen with intuitive WYSIWYG interface



Integration

Sleek & streamlined for easy integration with 3rd party products



Flexible

Variable database function to meet the requirements in all kinds of applications

ADAPTABLE



High Quality

Max. 600dpi print quality



High Speed

76m/min @ 300 x 300 dpi



Head Printing

Connects up to 2 printhead

WHY CHOOSE

R20 PRO



SIMPLE, INTUITIVE OPERATION

- ✓ User friendly 7" touchscreen color display with WYSIWYG graphical interface
- ✓ Easy to setup and integrate with any production line/ devices (PLC, Camera, Check-weigher, etc)
- ✓ Built-In Internal Sensors
- ✓ Max. 2 head can be controlled by one controller



EXCELLENT PRINT QUALITY & CAPABILITIES

- ✓ High quality 600 dpi max print resolution
- ✓ High speed print at 76m/min at 300dpi
- ✓ Print height of up to 1 inch (25.4mm)
- ✓ Print length of up to 2m



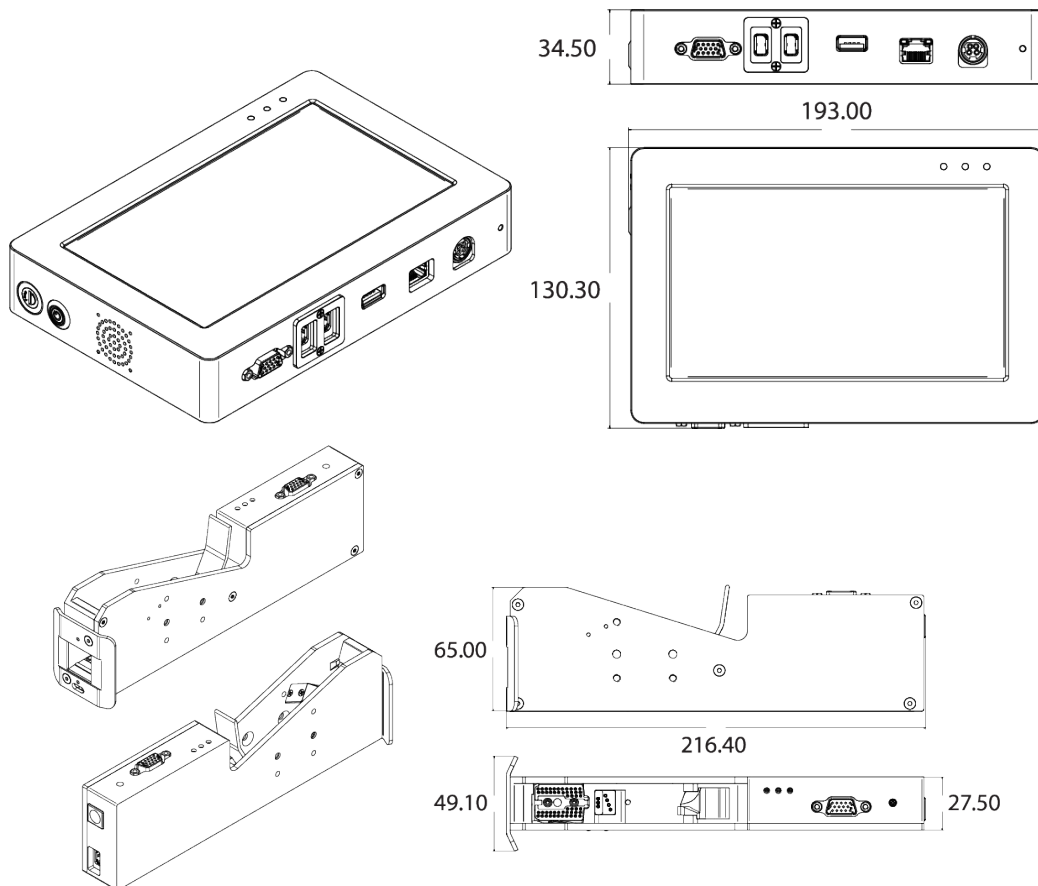
UPTIME & MAINTENANCE

- ✓ Wide Selection of Aqueous, Solvents & UV inks available
- ✓ Minimal downtime, ink cartridges can be replaced easily
- ✓ No long start/shutdown procedure to follow
- ✓ Minimal printhead cleaning, filter replacements or any maintenance requirements

SPECIFICATIONS

TECHNICAL SPECIFICATIONS

Printing Technology	HP TIJ 2.5
Controller Dimensions	193 x 130.3 x 34.5 mm
Printhead Dimensions	216.4 x 49.1 x 65 mm
Controller Weight	888g
Print Head Weight	412.4g
Display	7" LCD Touch Screen
Power Supply	AC 100V–240V, 50/60Hz, DC 24V 2.5A
Resolutions	Max 600 DPI
Print Speed	76m/min @ 300x300 dpiV
Density	3 levels
Throw Distance	5mm



FEATURES

Wide Range Of Print Types	<ul style="list-style-type: none"> • Text, Counter • Box/Lot • Datetime • Expiry Date • Julian Date • Shiftcode • Image • Database <p>1D & 2D Barcodes (Code 11, Code 39, Code 128, EAN, QR, Datamatrix, GS1 Datamatrix...)</p>
Printable Height	Maximum 25.4mm / 2 heads
External Connections	<ul style="list-style-type: none"> • Build in sensor • External Sensor • Encoder and Alarm beacon
Template Length	2m
Database	TXT, CSV, SQL, MySQL, SQLite, JSON
Advance Features	<ul style="list-style-type: none"> • Free design in template up to 1 inch (2 head) • POD (Print online data) Integrate with other devices (PLC, Camera, Checkweigher...) via RJ45 • Real-time Printing • WYSIWYG (what you see is what you get) • Data upload, Backup & Recovery via USB
Printable Characters	Windows true fonts - Free design in template up to 1 inch (2 heads)
Print Languages	English (default), Vietnamese, Chinese (PRC), Turkish, Korean, Russian, Japanese, Hebrew, Spanish, Thai, Portuguese and Arabic...
System Languages	English (default), German, Vietnamese, Chinese, Korean, Russian, Turkish, Portuguese, Spanish, Polish, Greek and Italian (and others)



APPLICATIONS

INDUSTRY OPPORTUNITIES



F&B



SHIPPING & LOGISTICS



PHARMACEUTICALS



PERSONAL CARE



ELECTRONICS



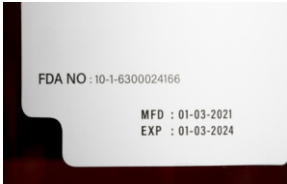
AUTOMOTIVE

TYPES OF PRINTING APPLICATIONS

POROUS



CARTON BOXES



FOOD BOXES



MASKS



MEDICINE BOXES

NON - POROUS



PLASTIC BOTTLES



CANS



FOOD LABELS



PVC TUBES

ABOUT

RYNAN TECHNOLOGY

RYNAN Printing is one of the business entities of RYNAN Technologies. Founded in 2015, the company is based in Vietnam, Singapore and India. RYNAN creates and develops industrial thermal inkjet technology and has been paving the way for the industry since. Serving a global community of customers in multiple sectors including industrial coding and marking, packaging, and pharmaceuticals.

OUR VISION

RYNAN is devoted to creating the most effective and environmentally conscious solutions for the market. Helping partners and customers achieve their business targets, by supplying reliable and cost-effective products.



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