

R20e & MAXe



**Cost Effective Touch Screen
Controller With Dual One-Inch
Printheads**

R20e with Stitched MAXe Printheads
— Printheights of up to 50.8mm
(2") Features

Wide Range Of Print Types

- Text, Counter
- Box/Lot
- Datetime
- Expiry Date
- Julian Date
- Shiftcode
- Image
- Database

1D & 2D Barcodes

Code 11, Code 39, Code 128, EAN, QR, Datamatrix, GS1
Datamatrix

External Connections

- Built in Sensor, DVI Port
- External Sensor, Encoder and Alarm Beacon

Advance Features

- Free design in template up to 2 inch (50.8mm)
- Real-time Printing
- WYSIWYG (what you see is what you get)
- Data Upload, Backup & Recovery via USB
- POD (Print online data) Integrate with other devices (PLC, Camera, Checkweigher) via RJ45

Print Languages (27 Languages)

English (default), Simplified Chinese (PRC), Traditional Chinese (ROC), Czech, Spanish, Greek, Hindi, Hungarian, Hebrew, Farsi, Japanese, Korean, Urdu, Portuguese, Russian, Arabic, Slovak, Thai, Vietnamese, Turkish (and others)

Printable Characters

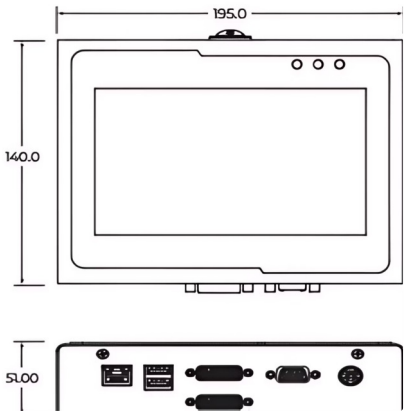
Windows True Fonts

System Languages (33 Languages)

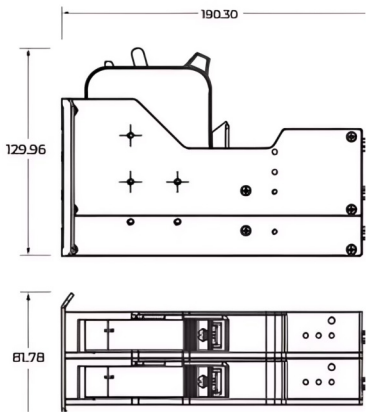
English (default), German, Vietnamese, Korean, Russian, Simplified Chinese, Turkish, Portuguese, Spanish, Polish, Greek, Italian, Hebrew, Thai, French, Traditional Chinese ROC, Arabic, Czech, Dutch, Indonesian, Japanese, Bengali, Bulgarian, Croatian, Albanian, Finnish, Hungarian, Macedonian, Romanian, Serbian, Slovenian, Slovak, Ukrainian

Technical Specifications

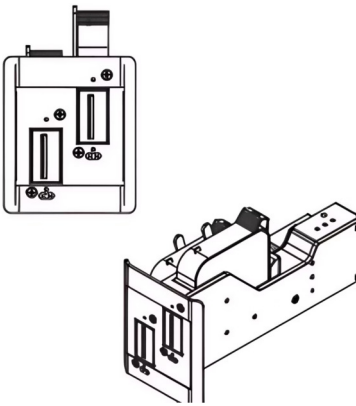
Printing Technology	One-Inch TIJ
Controller Dimensions	195 x 148 x 51mm
Printhead Dimensions	190.4 x 52.58 x 104.96mm
Controller Weight	1,215g
Print Head Weight	390.77g
Display	7" LCD Resistive Touch Screen
Power Supply	DC 24V 2.5A, 60W
Resolutions	Max 300 x 600 DPI
Print Speed	76m/min @ 300x300 DPI
Density	3 levels
Throw Distance	Up to 5mm
Data Cable	DVI 1.8m Standard
Printable Height	Maximum 50.8mm (2 Printheads)
Template Length	1.5m @ 300x300 DPI
Database	TXT, CSV, SQL, SQLite and MySQL
Ink Types	Solvent Based, Water Based
Operating Environment	Temperature 10 - 40°C, Humidity 40 - 80%, Non-Condensing
Firing Voltage	25 V
On Time	100 µs
Pulse Width	0
Pre-heat	0



Technical drawing of the R20e Controller showing front, top, and rear views with dimensions: 195.0, 140.0, and 51.00.



Technical drawing of the MAXe Printhead (Stitched) showing front, top, and rear views with dimensions: 190.30, 129.96, and 81.78.



3D perspective view of the MAXe Printhead (Stitched) unit.