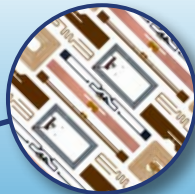


# M84Se RFID Series

*Read, Write, Verify & Print Smart Labels and Tags*



Designed for  
Print/Apply Systems



Multi-Protocol RFID  
Capability



RFID Counters



XML Enabled



## Streamlined Features

- RFID Enabled
- Plug-In Interfaces
- Fast, Accurate & Cost-Effective
- Built to the Highest Quality
- High Speed Throughput
- Auto-Calibration for New Inlay Styles
- "Print-Write-Print" for Out-of-Spec Tags

## Industry Verticals

- Aerospace
- Automotive
- Distribution
- Manufacturing
- Logistics
- Government
- Health Care
- Transportation
- Pharmaceutical

## Industry Applications

- Compliance Labeling
- Warehouse Logistics
- Pallet Tracking
- Retail Labeling
- Product Authentication
- Cross-Docking
- Shipping Labels
- Closed-Loop Tracking



# General Specifications

## M84Se RFID Series

PRINTER MODEL		M8459Se	M8460Se	M8465Se	M8485Se	M8490Se
<b>PRINT SPECIFICATIONS</b>						
<b>Print Method</b>		Direct Thermal	Direct Thermal/Thermal Transfer			
<b>Print Resolution</b>		203 dpi (8 dots/mm)		305 dpi (12 dpmm)	203 dpi (8 dpmm)	305 dpi (12 dpmm)
<b>Max. Print Speed</b>		5"/s (125mm/s)	8"/s (250mm/s)	8"/s (250mm/s)	12"/s (300mm/s)	8"/s (250mm/s)
<b>Max. Print Area</b>	Width	4.4" (112mm)	6" (152mm)		5" (128mm)	4.4" (112mm)
	Length	49.2" (1249mm)		32.8" (833mm)	49.2" (1249mm)	32.8" (833mm)
<b>MEDIA SPECIFICATIONS</b>						
<b>Sensor Type</b>		Transmissive sensor for die cut labels & tags. Reflective sensor for use with preprinted sensing marks. Automatic, programmable setting of top form.				
<b>Media Type</b>		Die cut labels, plain paper facestock and synthetics. Maximum unwind torque: 8 ft./lbs.				
<b>Back Feed</b>		Adjustable, ± 10" (255mm)				
<b>Media Size</b>	Width	Max. 5.27" (134mm) Min. 1" (25mm)	Max. 6.5" (165mm) Min. 2" (53mm)		Max. 5.27" (134mm) Min. 1" (25mm)	
		Min. 4" (102mm) with RFID Tag				
	Length	Min. 0.24" (6mm) - Minimum label length at print speeds greater than 6 ips is 1 inch Min. 4" (102mm) with RFID Tag				
	Thickness	0.002" – 0.0106" (0.06 mm – 0.268 mm)				
<b>Ribbon</b>		NA	Max. 6.5" (165mm) W x 1968' (600m) L Min. 2.1" (53mm) W, Face-In Wind		Max. 5.25" (133mm) W x 1968' (600m) L Min. 1.6" (39.5mm) W, Face-In Wind	
<b>FONT / SYMBOLOGIES</b>						
<b>RFID Formats</b>		<b>UHF (Ultra-High Frequency) EPC Class 1; EPC Class 1, Gen 2; EPC Class 0/0+</b>				
<b>Font</b>		Bitmap - 12 proportional, mono-spaced and outline fonts (Code table 858). Internal CG Triumvirate & CG Times fonts scalable from 2 to 99 points. Optional downloaded TrueType fonts.				
<b>Barcode Symbologies</b>	Linear	UPC-A, UPC-E, EAN-8, EAN-13, Code 39, Code 93, Code 128, Codabar, MSI, Bookland, Industrial 2/5, Interleaved 2/5, Matrix 2/5, Postnet, UCC/EAN 128, RSS Composite				
	2-D	PDF417, Micro PDF417, Truncated PDF417, Maxicode, Data Matrix, QR Code				
<b>COMMUNICATION INTERFACE</b>						
<b>Interfaces</b>		RS232 Serial (up to 57.6k bps), IEEE1284 Parallel (ECP), 10/100BaseT/TX Ethernet (Wired), Wireless (802.11g), USB, RS422/485				
<b>External Connector</b>		Ext. (Applicator I/F): 14-pin Amp				
<b>MEMORY</b>						
<b>Memory</b>		16 MB Standard RAM, 2 MB Standard Flash, Optional 1 MB PCMCIA, Optional 6 MB Flash (Total)				
<b>OPERATING CHARACTERISTICS</b>						
<b>Power Requirements</b>		115V/220V (± 10%), 50/60 Hz (± 1%) - Auto-switching				
<b>Dimensions</b>		9.7" W (245mm) 16.1" D (408mm) 11.7" H (298 mm)	9.7" W x 17.9" D x 11.7" H 245mm W x 455mm D x 298mm H		9.7" W x 16.1" D x 11.7" H 245mm W x 408mm D x 298mm H	
<b>Weight</b>		25 lbs. (11.34 kg)	27.5 lbs. (12.5 kg)		25 lbs. (11.34 kg)	
<b>Agency Certifications:</b>		CE, UL, CSA, TÜV, FCC Class A				
<b>OTHER FEATURES</b>						
Standard Real Time Clock, Optional Opposite Hand Model						

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