



CT4i Series Desktop Thermal Printers High Performance Solution



Great Features

- 203, 305 or 609dpi Resolution
- 4MB Flash Memory, Standard
- Thermal Transfer and Direct Thermal
- Up to 6"/sec Throughput
- Anti-Microbial Casing
- Clamshell Design
- Multiple Codepage Support

Industry Verticals

- Healthcare
- Retail
- Transportation & Logistics
- Trade Show Management
- Manufacturing
- Education & Libraries

Industry Applications

- Specimen Labeling
- Wristband Printing
- Routing Labels
- Show Badges
- Product Labeling
- Layaway Marking
- Price Markdown



General Specifications

CT4i Series

Print Resolution Direct Thermal Transfer Print Resolution 200stpi (8 dots/mm) 300dpi (12 dots/mm) 600dpi (23.6 dots/mm) Max Print Speed 6 ips (150mm/see) 4 ips (102mm/see) 3 ips (76mm/see) Max Print Area 4.1*1 (104mm) x 15.78* (400mm) L MEDIA SPECIFICATIONS Tensmissive sensor for gap, Refeative sensor for I-mark Media Type Label thickness (label + backing lang) - 0.002* (0.08mm) to 0.007* (0.19mm) Media Size Mr. 1.10* (2amm) W x 16.78* (400mm) L Media Size Max. Curside Diameter 4.30* (110mm), Wound Foe-out Inner Diameter of role 1.58* (400mm) Fan Fold Max. Curside Diameter 4.30* (110mm), Wound Foe-out Inner Diameter of role 1.58* (400mm) Ribbon Size Max. 4.37* (111mm) W x 328* (100m) L Foe-out, 0.5* (12.7mm) Internal Diameter MEMORY/PROCESSING Max. 4.37* (111mm) W x 328* (100m) L Foe-out, 0.5* (12.7mm) Internal Diameter Main Memory SDRAM (6MB CPU 32 bit RISC COMMINICATION INTERFACES RES220 + USB20 or I.AN + USB2.0 Standard Interface RES220 + USB20 or I.AN + USB2.0 Optional Plugin Interface RES220 + USB20 or I.AN + USB2.0 Optional Plugin Interface RES220 + USB20 or I.AN + U	PRINTING SPECIFICATIONS		CT408i	CT412i	CT424i	
Max Print Speed 6 jps (150mm/sec) 4 jps (102mm/sec) 3 jps (76mm/sec) Max Print Area 4.1° (104mm/s x 15.76° (400mm) L.	Print Method			Direct Thermal/Thermal Transfer		
Max Print Area	Print Resolution		203dpi (8 dots/mm)	305dpi (12 dots/mm)	600dpi (23.6 dots/mm)	
Media Spec	Max Print Speed		6 ips (150mm/sec)	4 ips (102mm/sec)	3 ips (76mm/sec)	
Sensor Type Transmissive sensor for gap, Reflective sensor for I-mark Media Type Label thickness (label + backing liner): 0.003* (0.08mm) to 0.007* (0.19mm) Media Size No. 1.10* (1.00 perm) W x 15.76* (400mm) to 0.007* (0.19mm) Media Specs Foll Stock Max. Audicide Diameter 4.33* (110mm), Wax 15.76* (400mm) Fan Fold Max. Brack Height 3.94* (100mm) Max. Brack Height 3.94* (100mm) Ribbon Size Max: 4.37* (111mm) W x 328* (100m) L. Face-out, 0.9* (12.7mm) Internal Diameter MEMORY/PROCESSING Max. 4.37* (111mm) W x 328* (100m) L. Face-out, 0.9* (12.7mm) Internal Diameter MEMORY/PROCESSING Max. 4.37* (111mm) W x 328* (100m) L. Face-out, 0.9* (12.7mm) Internal Diameter MEMORY/PROCESSING Main Memory SDRAM 16MB Optional Plant Processing Standard Interface Page 1.10* Interface CPU 3.232C+ USB2.0 or LAN + USB2.0 COMMUNICATION INTERFACES Standard Interface Page 2.10* Interface COPI Interface Page 2.10* Interface Page 2.10* Interface Page 2.20* Interface	Max Print Area		4.1" (104mm) x 15.76" (400mm) L			
Media Type Label thickness (label + backing liner): 0.003* (0.08mm) to 0.007* (0.19mm) Media Size Min. 1,10* (28mm) W x 0,71* (18mm) L K.76* (400mm) L Media Spees Roll Stock Max. Outside Diameter 4,33* (110mm), Wound Face-out Inver Diameter of roll: 1,58* (400mm) L Fan Fold Max. Stack Height 3,49* (100mm) Max. Stack Height 3,49* (100mm) Ribbon Size Max. 4,37* (111mm) W x 328* (100m) L, Face-out, 0.5* (12,7mm) Internal Diameter MEMORY/PROCESSING Main Memory Flash memory 4MB Optional Memory SDRAM 16MB CPU 32 bit RISC COMMUNICATION INTERFACES Standard Interface RS232C + USB2.0 or LAN + USB2.0 Coptional Plug-in Interface RS232C + USB2.0 or LAN + USB2.0 Coptional Plug-in Interface RS232C + USB2.0 or LAN + USB2.0 Coptional Plug-in Interface SEEE 802.11g fine LAN), Bluetooth, IEEE1294 FONTS/BARCODE SYMBOLOGIES Internal Fonts XU 5x9 dots, XS 17x17 dots, XM 24x24 dots, XB 48x48 dots, XL 48x48 dots OCR-A 15x22 dots, OCR-A 22x33 dots, OCR-A 22x33 dots, OCR-A 22x33 dots, OCR-B 60x72 dots DOPERATING POPE BOX 22x4 dots, OCR-B 20x3 dots,	MEDIA SP	ECIFICATIONS				
Media Size	Sensor Type		Transmissive sensor for gap, Reflective sensor for I-mark			
Media Poli Stock	Media Type		Label thickness (label + backing liner): 0.003" (0.08mm) to 0.007" (0.19mm)			
Part	Media Size					
Max. 4,37* (111mm) W x 328* (100m) L. Face-out, 0.5* (12.7mm) Internal Diameter		Roll Stock				
MEMORY/PROCESSING Main Memory Flash memory 4MB Optional Memory SDRAM 16MB CPU 32 bit RISC COMMUNICATION INTERFACES Standard Interface Standard Interface RS232C + USB2.0 or LAN + USB2.0 Optional Plug-in Interface Cards* IEEE 802.11g (Inc LAN), Bluetooth, IEEE1284 cards and the card		Fan Fold	Max. Stack Height 3.94" (100mm)			
Main Memory	Ribbon Size		Max: 4.37" (111mm) W x 328' (100m) L, Face-out, 0.5" (12.7mm) Internal Diameter			
Optional Memory SDRAM 18MB CPU 32 bit RISC COMMUNICATION INTERFACES Standard Interface RS232C + USB2.0 or LAN + USB2.0 Optional Plug-in Interface RS232C + USB2.0 model only FONTS/BARCODE SYMBOLOGIES Internal Forts XU 5x9 dots, XS 17x17 dots, XM 24x24 dots, XB 48x48 dots, XL 48x48 dots OCR-A 15x22 dots, OCR-B 20x24 dots OCR-B 30x36 dots OCR-B 60x72 dots OCR-A 15x22 dots, OCR-B 20x24 dots OCR-B 30x36 dots OCR-B 60x72 dots Barcode UPC-A/E, EAN, CDDABAR, CDDE 39, CDDE 39, CDDE 128, UCC/EAN 128, Inter-leaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Matrix 2 of 5, Mslir, Postnet, Bookland, EAN/UCC symbol OPERATING & ENVIRONMENTAL Power Consumption 90 W (at 100 Vac) at 30% Print Density Power Supply Rated Voltage: 100 Vac - 240 Vac +/- 10%, Rated Current: 1.5A Output Voltage: 25Vdc, Output Current: 5 to 36°C / 30 to 80% RH (with no condensation) Storage Environment: 5 to 36°C / 30 to 80% RH (with no condensation) Direct Thermal: 7.8" (198mm) W x 10.05" (255mm) D x 6.3" (160mm) H Thermal Transfer: 7.8" (198mm) W x 10.05" (255mm) D x 6.3" (181mm) H M	MEMORY/	PROCESSING				
CPU 32 bit RISC	Main Memory		Flash memory 4MB			
Standard Interface	Optional Memory		SDRAM 16MB			
Standard Interface	CPU		32 bit RISC			
Optional Plug-in Interface Cards* IEEE 802.11g (Inc LAN), Bluetooth, IEEE1284	COMMUN	ICATION INTERFACES				
TRS232C + USB2.0 model only	Standard Interface		RS232C + USB2.0 or LAN + USB2.0			
Number N						
OCR-A 15x22 dots, OCR-B 22x33 dots, OCR-B 44x46 dots, OCR-B 20x24 dots	FONTS/BA	ARCODE SYMBOLOGI	ES			
DCR-B 20x24 dots DCR-B 30x36 dots DCR-B 60x72 dots	Internal Fonts		XU 5x9 dots, XS	17x17 dots, XM 24x24 dots, XB 48x48 d	ots, XL 48x48 dots	
Industrial 2 of 5, Matrix 2 of 5, MSI, Postnet, Bookland, EAN/UCC symbol 2D Barcode QRCode, PDF 417, MaxiCode, Data Matrix Character Rotation 0°, 90°, 180°, 270° rotation OPERATING & ENVIRONMENTAL						
Character Rotation OPERATING & ENVIRONMENTAL Power Consumption Power Supply Rated Voltage: 100 Vac – 240 Vac +/- 10%, Rated Current: 1.5A Output Voltage: 25Vdc, Output Current: 2 A (current peak: 13A) Frequency: 50/60 Hz Environment Operating Environment: 5 to 35°C / 30 to 80% RH (with no condensation) Storage Environment: -5 to 60°C / 30 to 90% RH (with no condensation) Dimensions Direct Thermal: 7.8" (198mm) W x 10.05" (255mm) D x 6.3" (160mm) H Thermal Transfer: 7.8" (198mm) W x 10.05" (255mm) D x 7.13" (181mm) H Weight 6.6 lbs. (3 kg) excluding AC-Adapter Antibacterial Finishing Conforms to JISZ2801 Regulatory Noise: Emission - FCC, EN55022 Class B Safety: CE, C-UL, TUV, CCC, MIC HF: EN61000-3-2 Safety Standards UL, CSA, CCC, CE, FCC Class B, MIC, TÜV ACCESSORIES & OPTIONS	Barcodes	1D Barcode				
OPERATING & ENVIRONMENTAL Power Consumption 90 W (at 100 Vac) at 30% Print Density Power Supply Rated Voltage: 100 Vac – 240 Vac +/- 10%, Rated Current: 1.5A Output Voltage: 25Vdc, Output Current: 2 A (current peak: 13A) Frequency: 50/60 Hz Environment Operating Environment: 5 to 35°C / 30 to 80% RH (with no condensation) Storage Environment: -5 to 60°C / 30 to 90% RH (with no condensation) Dimensions Direct Thermal: 7.8" (198mm) W x 10.05" (255mm) D x 6.3" (160mm) H Thermal Transfer: 7.8" (198mm) W x 10.05" (255mm) D x 7.13" (181mm) H Weight 6.6 lbs. (3 kg) excluding AC-Adapter Antibacterial Finishing Conforms to JISZ2801 Regulatory Noise: Emission - FCC, EN55022 Class B Safety : CE, C-UL, TUV, CCC, MIC HF: EN61000-3-2 Safety Standards UL, CSA, CCC, CE, FCC Class B, MIC, TÜV ACCESSORIES & OPTIONS		2D Barcode	QRCode, PDF 417, MaxiCode, Data Matrix			
Power Consumption 90 W (at 100 Vac) at 30% Print Density Power Supply Rated Voltage: 100 Vac – 240 Vac +/- 10%, Rated Current: 1.5A Output Voltage: 25Vdc, Output Current: 2 A (current peak: 13A) Frequency: 50/60 Hz Frequency: 50/60 Hz Environment Operating Environment: 5 to 35°C / 30 to 80% RH (with no condensation) Storage Environment: -5 to 60°C / 30 to 90% RH (with no condensation) Dimensions Direct Thermal: 7.8" (198mm) W x 10.05" (255mm) D x 6.3" (160mm) H Thermal Transfer: 7.8" (198mm) W x 10.05" (255mm) D x 7.13" (181mm) H Weight 6.6 lbs. (3 kg) excluding AC-Adapter Antibacterial Finishing Conforms to JISZ2801 Regulatory Noise: Emission - FCC, EN55022 Class B Safety : CE, C-UL, TUV, CCC, MIC HF: EN61000-3-2 Safety Standards UL, CSA, CCC, CE, FCC Class B, MIC, TÜV ACCESSORIES & OPTIONS	Character Rotation		0°, 90°, 180°, 270° rotation			
Power Supply Rated Voltage: 100 Vac – 240 Vac +/- 10%, Rated Current: 1.5A Output Voltage: 25Vdc, Output Current: 2 A (current peak: 13A) Frequency: 50/60 Hz Environment Operating Environment: 5 to 35°C / 30 to 80% RH (with no condensation) Storage Environment: -5 to 60°C / 30 to 90% RH (with no condensation) Dimensions Direct Thermal: 7.8" (198mm) W x 10.05" (255mm) D x 6.3" (160mm) H Thermal Transfer: 7.8" (198mm) W x 10.05" (255mm) D x 7.13" (181mm) H Weight 6.6 lbs. (3 kg) excluding AC-Adapter Antibacterial Finishing Conforms to JISZ2801 Noise: Emission - FCC, EN55022 Class B Safety : CE, C-UL, TUV, CCC, MIC HF: EN61000-3-2 Safety Standards UL, CSA, CCC, CE, FCC Class B, MIC, TÜV ACCESSORIES & OPTIONS	OPERATIN	IG & ENVIRONMENTA	L			
Output Voltage: 25Vdc, Output Current: 2 A (current peak: 13A) Frequency: 50/60 Hz Environment Operating Environment: 5 to 35°C / 30 to 80% RH (with no condensation) Storage Environment: -5 to 60°C / 30 to 90% RH (with no condensation) Dimensions Direct Thermal: 7.8" (198mm) W x 10.05" (255mm) D x 6.3" (160mm) H Thermal Transfer: 7.8" (198mm) W x 10.05" (255mm) D x 7.13" (181mm) H Weight 6.6 lbs. (3 kg) excluding AC-Adapter Antibacterial Finishing Conforms to JISZ2801 Regulatory Noise: Emission - FCC, EN55022 Class B Safety : CE, C-UL, TUV, CCC, MIC HF: EN61000-3-2 Safety Standards UL, CSA, CCC, CE, FCC Class B, MIC, TÜV ACCESSORIES & OPTIONS	Power Consumption		90 W (at 100 Vac) at 30% Print Density			
Storage Environment: -5 to 60°C / 30 to 90% RH (with no condensation) Direct Thermal: 7.8" (198mm) W x 10.05" (255mm) D x 6.3" (160mm) H Thermal Transfer: 7.8" (198mm) W x 10.05" (255mm) D x 7.13" (181mm) H Weight 6.6 lbs. (3 kg) excluding AC-Adapter Antibacterial Finishing Conforms to JISZ2801 Regulatory Noise: Emission - FCC, EN55022 Class B Safety : CE, C-UL, TUV, CCC, MIC HF: EN61000-3-2 Safety Standards UL, CSA, CCC, CE, FCC Class B, MIC, TÜV ACCESSORIES & OPTIONS	Power Supply		Output Voltage: 25Vdc, Output Current: 2 A (current peak: 13A)			
Thermal Transfer: 7.8" (198mm) W x 10.05" (255mm) D x 7.13" (181mm) H Weight 6.6 lbs. (3 kg) excluding AC-Adapter Antibacterial Finishing Conforms to JISZ2801 Regulatory Noise: Emission - FCC, EN55022 Class B Safety : CE, C-UL, TUV, CCC, MIC HF: EN61000-3-2 Safety Standards UL, CSA, CCC, CE, FCC Class B, MIC, TÜV ACCESSORIES & OPTIONS	Environment					
Antibacterial Finishing Conforms to JISZ2801 Regulatory Noise: Emission - FCC, EN55022 Class B Safety : CE, C-UL, TUV, CCC, MIC HF: EN61000-3-2 Safety Standards UL, CSA, CCC, CE, FCC Class B, MIC, TÜV ACCESSORIES & OPTIONS	Dimensions					
Regulatory Noise: Emission - FCC, EN55022 Class B Safety : CE, C-UL, TUV, CCC, MIC HF: EN61000-3-2 Safety Standards UL, CSA, CCC, CE, FCC Class B, MIC, TÜV ACCESSORIES & OPTIONS	Weight		6.6 lbs. (3 kg) excluding AC-Adapter			
Safety: CE, C-UL, TUV, CCC, MIC HF: EN61000-3-2 Safety Standards UL, CSA, CCC, CE, FCC Class B, MIC, TÜV ACCESSORIES & OPTIONS	Antibacterial Finishing			Conforms to JISZ2801		
ACCESSORIES & OPTIONS	Regulatory		Safety: CE, C-UL, TUV, CCC, MIC			
	Safety Sta	ndards		UL, CSA, CCC, CE, FCC Class B, MIC, T	ÜV	
Options Cutter, Dispenser, Linerless, RFID	ACCESSO	RIES & OPTIONS		· · · · · · · · · · · · · · · · · · ·		
	Options			Cutter, Dispenser, Linerless, RFID		

Specifications subject to change without notice.

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