SourceTechnologies®

ST9920

- Small Footprint
- Performance & Security



SECURE MICR PRINTERS

Model No.	ST9920
Print Speed (pages/min.)	Up to 50 ppm
Time to First Page	As fast as 6 seconds
Maximum Duty Cycle (pgs./mo.)	Up to 175,000
Recommended Volume (pgs./mo.)	2,000 - 20,000
Maximum Resolution	Black: 1200 x 1200 dpi 1200 IQ (1200 x 600 dpi)
Processor	Dual Core 1.0 GHz
Memory (Standard/Max)	512MB / 512MB
Standard Connectivity	Gigabit Ethernet (10/100/1000), Front USB 2.0 Specification Hi-Speed Certified port (Type A) USB 2.0 Specification Hi-Speed Certified (Type B) 802.11b/g/n/ac + BLE
Duplex Printing	2-sided: Integrated Duplex
Paper Input Capacity Standard (in/out) Maximum (in/out)	Standard: 650 pages 20 lb or 75 gsm bond Maximum: 2,300 pages 20 lb or 75 gsm bond
Paper Output Capacity	250 pages 20 lb or 75 gsm bond
Printer Languages	PCL 5, PCLm, PCL 6 Emulation, Personal Printer Data Stream (PPDS), PostScript 3 Emulation, PDF-1.7 emulation, Direct Image
Operator's Panel	2.8-inch (7.2 cm) Color Touch Screen
MICR Cartridge Yields*	Replacement: 5k and 15K
Imaging Unit**	Up to: 45K pages, based on 3 average letter/A4-size pages per print job at a 5% coverage
Dimensions (in. H x W x D)	12.1 x 15.7 x 15.3 in
Weight (lbs.)	33 lbs
Warranty	1-year, return-to-depot from date of sale
Quality Assurance Features	MICR Guarantee to ANSI / ABA Standards Auto Density Control MICR Toner Detection Low Toner Warning and Auto Stop Optimized Fusing & Transfer Voltage Originally Manufactured MICR Toner Regulated Fuser Temperature
Secure Fonts	E-13B MICR Font CMC7 MICR Font Microprint Font Secure Numeric Font ICR Numeric Font Trusted Platform Module (TPM)
Security Features	Set Copies to one (1) Auto Jam Recovery Disable Password Protection Physical Drawer Lock "Optional" AES/DES Encryption/Decryption Front Panel Lock
Options	250 SheetTray 550 SheetTray Drawer Locks
Wireless	Yes AES/DES Encryption/Decryption
Wireless Network	WEP Encryption (64- and 128-bit key), 802.1x Authentication: MD5, MSCHAPv2, LEAP, PEAP, TLS, TTLS, WPA2™ - Personal

* Average standard page yield value declared in accordance with ISO/IEC 19752.
** Actual yield may vary. All specifications are subject to change without notice.

11401A Granite Street | Charlotte, NC 28273 | 800.922.8501 | sourcetech.com

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Secure MICR Printers- ST9920

MICR Feature	Description	Benefit
E13B Font	Widely accepted MICR font used in printing MICR encoded documents in the US, Canada, Mexico, the Far-East and some other countries.	Meets ASC X9B/US specification for MICR font and necessary to process checks through the system.
CMC7 Font	Alternative MICR font used to print MICR encoded documents in many European and most Latin American countries. Numeric character set only.	Meets international standards (ISO) 1004.
Secure Numeric Font	Unique ST-designed font that is very difficult to alter because of a special background and very small text & numeric print embedded in the amount line of the check.	Additional layer of security at the document level. Minimizes the risk of fraud.
Microprint Font	Extremely small type font allows one to embed micro text and numbers inside lines of print on the MICR document. Denoted by the letters "MP."	Additional layer of security at the document level. Minimizes the risk of fraud.
ICR Numeric Font	Image readable secure font designed to be read by imaging equipment utilized by many financial institutions.	Additional layer of security at the document level. Minimizes the risk of fraud.
Front Security Panel Lock	Additional security beyond password protection. User must enter an 8 digit combination prior to printing.	Additional layer of security at the document level. Minimizes the risk of fraud.
Set Copies to one (1)	A PCL setting that tells the printer to print the job only once.	Prevents fraud by disallowing the printing of multiple copies of a document.
Auto Jam Recovery Disable	Automatically turns Jam Recovery OFF when checks are being printed.	Prevents multiple copies of a check from being printed.
Password Protection	Prevents access to check-printing resources (stored signatures, MICR fonts, form overlays) without the proper password.	Prevents unauthorized access to MICR and Secure fonts, and user-specific signatures and form overlays.
MICR Toner Detection	Detects whether MICR toner or regular toner is installed in the printer.	Prevents printing of MICR documents with regular toner- preventing costly bank rejects.
Toner Low Warnings	Printer alerts user when MICR toner is low	Ensures quality MICR printing.
AES & DES Encryption/ Decryption	Decrypts the print data stream, protecting it while it is being transmitted to the printer.	One of the highest levels of security available- the printer decrypts the code prior to printing.
Audit Trail	Creates user-defined reports of check printing activity for auditing purposes.	Gives user a written record of check printing activity
3 Year MICR Guarantee to ANSI/ABA Standards	Source Technologies ensures the readability . performance of our MICR printers.	Ensures the quality of printed negotiable documents.
Auto Density Control for Toner	Ensures conformance to signal strength standards throughout cartridge life.	Ensures conformance and bank acceptance.
Originally Manufactured MICR Toner Cartridge	Toner cartridges are built and tested using MICR toner.	No "refilled" or "remanufactured" cartridges to introduce potential problems that would damage the printer.
Regulated Fuser Temperature for Optimum Performance	Fusing temperature controlled to match MICR toner and check stock paper weights.	Maximizes toner adherence. Less exposure to fraud due to less toner lift off.
Tray Locking	Key lock on printer and expansion drawers.	Prevents fraud by keeping check stock safe and prevents check paper waste.
MICRpoint	Allows fine tuning of the position of the MICR line.	Accounts for minor variations between printers. Prevents bank rejection of checks.
Datastream Tray Protection	Limits the ability of non-MICR jobs to print from specified trays.	Keeps regular office documents from being printed on check stock. Reduces the amount of re-prints because of printing to the wrong tray and reduces the cost of replacing misused check stock.

Supported Operating Systems

Microsoft Windows Operating Systems Supported	Windows Server 2008 x64 running Terminal Services, Windows 11, Windows Server 2008 x64, Windows Server 2008 running Terminal Services, Windows Server 2022, Windows Server 2008, Windows 8 x64, Windows Server 2012, Windows Server 2003 x64, Windows Server 2003, Windows Server 2012 R2, Windows Server 2003 x64 running Terminal Services, Windows Server 2003 running Terminal Services, Windows 10, Windows 8.1, Windows Server 2008 R2 running Terminal Services, Windows 8, Windows 2000 Server running Terminal Services, Windows Server 2008 R2, Windows 7 x64, Windows Server 2016, Windows XP x64, Windows Me, Windows XP, Windows Vista x64, Windows 2000, Windows Server 2019, Windows NT (4.00/4.00 Server), Windows Vista, Windows 98 2nd Edition, Windows 7
Linux Operating Systems Supported	Alternative MICR font used to print MICR encoded documents in many European and most Latin American countries. Numeric character set only.
Citrix MetaFrame	Microsoft Windows Server 2003 x64 running Terminal Services with Citrix Presentation Server 4.0 x64, 4.5 x64, Microsoft Windows 2000 Server running Terminal Services with Citrix Presentation Server 3.0, 4.0, Microsoft Windows Server 2003 running Terminal Services with Citrix Presentation Server 3.0, 4.0, 4.5, Microsoft Windows Server 2008 R2 Standard Edition running Citrix XenApp 6.0, 6.5, Microsoft Windows Server 2003 and 2003 X64 Edition with Citrix XenApp 5.0, Microsoft Windows Server 2008 R2 Enterprise Edition running Citrix XenApp 6.0, 6.5, Microsoft Windows 2000 Server running Terminal Services with Citrix MetaFrame Presentation Server 4.0, Microsoft Windows Server 2012 R2 Datacenter Edition running Citrix XenApp 7.5, 6, 7, 8, 9, 11, 12, 13, 14, 15, 16, Microsoft Windows Server 2012 Datacenter Edition running Citrix XenApp 7.5, 6, 7, 8, 9, 11, 12, 13, 14, 15, 16, Microsoft Windows Server 2012 Essentials running Citrix XenApp 6.0, 6.5, Microsoft Windows Server 2012 Foundation running Citrix XenApp 6.0, 6.5, Microsoft Windows Server 2008 R2 Datacenter Edition running Citrix XenApp 7.5, 6, 7, 8, 9, 11, 12, 13, 14, 15, 16, Microsoft Windows Server 2008 and 2008 X64 Edition with Citrix XenApp 5.0, Microsoft Windows Server 2012 Standard running Citrix XenApp 6.0, 6.5
Novell Operating Systems Supported	Novell Open Enterprise Server 2 (SP3) on SuSE Linux Enterprise Server 10 SP4 (x86 and x64) 3, Novell Open Enterprise Server 11 (SP3) on SuSE Linux Enterprise Server 11 SP4 (x86 and x64), Novell NetWare 6.5 Open Enterprise Server, Novell Open Enterprise Server 15 (SP1) on SuSE Linux Enterprise Server 11 SP4 (x86 and x64), Novell Open Enterprise Server 11 (SP3) on SuSE Linux Enterprise Server 12 SP1 (x86 and x64)
Other Operating Systems Supported	Virtually any platform supporting TCP/IP.