



APG Cash Drawer Connectivity Guide

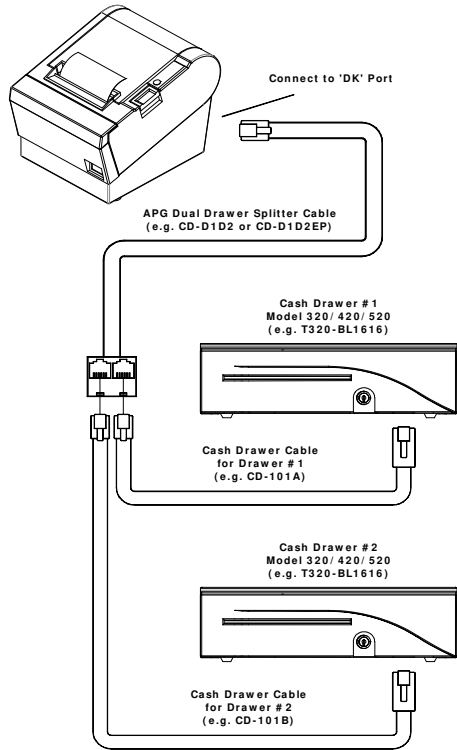


Host Device		Cable Part Number			Interface Types			DirectPRO™	Printer Manufacturer Web Site
					MultiPRO®				
		Manufacturer	Models	1st Drawer	2nd Drawer	Connector	24 Volt MultiPRO® I	12 Volt MultiPRO® II	
Host Receipt Printer:									
ADDMASTER	IJ2040, 3000, 3080, 3160 Printers	CD-023A		RJ12		420	520		addmaster.com
AXIOHM SAS	Astrium, APOS, Telesto, TPOS Printers	CD-023A		RJ12		420	520		axiohm.com
BEMATECH	MP4200 and LR2000 Printers (previously Logic Controls)	CD-101A	N/A	RJ12	320		520	237A	bematechus.com
BIXOLON	STP-103, SRP-100/200/250/270/275/300/350/350plus/370/500; SPS-1000	CD-101A	CD-101B	RJ12	320		520		bixelon.com
BOCA	Lemur Printers	CD-047		3.5mm Stereo	320		520		bocasystems.com
BOCA	Lemur Printers 10 ft. cable length	CD-047-10		3.5mm Stereo	320		520		
CBM / CITIZEN	CBM-230,-231,-1000 Printers	CD-101A	CD-101B	RJ12	320		520	237A	
CITIZEN	CT-S300, CT-S2000, iDP-460, -3210,-3221,-3240,-3310,-34xx,-3535,-3550,-3551 Printers	CD-101A	CD-101B	RJ12	320		520	237A	cbma.com
CITIZEN	iDP-3500,-3530,-3540,-3541 Printers	CD-002A		4 Pin Molex	320		520	240	
COGNITIVE/TPG	A721, A752, A755, A756, A758, A760, A776, A793, A794, A795, A799, B780 Printers	CD-102A	CD-102B	RJ12	320		520	322	cognitivetpg.com
DATAMAX	E-3202 Printer	CD-101A	CD-101B	RJ12	320		520	237A	datamaxcorp.com
DELL	T200 Printer	CD-101A	CD-101B	RJ12	320		520	237A	dell.com
DH PRINT	DH 1400, DH 1500 Printers	CD-101A	CD-101B	RJ12	320		520	237A	
EPSON	TM Series Printers	CD-101A	CD-101B	RJ12	320		520	237A	
EPSON	TM Series Printers, 10 ft. cable length	CD-101A-10		RJ12	320		520	237A	pos.epson.com
FUJITSU	FP510, FP510II, and FP1000 Series Printers	CD-102A	CD-102B	RJ12	320		520	322	fujitsu.com
HP	A776, A798, A799 Thermal Receipt Printers	CD-102A	CD-102B	RJ12	320		520	322	hp.com
ITHACA	Series 50 Printers (BNC)	CD-010		BNC	320		520	196A	
ITHACA	2567 (NCR Emulation)	CD-018		RJ12	320		520		
ITHACA	Series 80 Printers	CD-102A	CD-102B	RJ12	320		520	322	
ITHACA	Series 90, 150, 500, 600; POSJet 1000, iTherm, BankJet 1500, KitchenJet 1000 Printers								transact-tech.com
ITHACA	Refer to CAUTION label on bottom of the printer								
ITHACA	"Ithaca Compatible Cash Drawers Only"	CD-009A	CD-009B	RJ12	320		520	196-2A	
ITHACA	"Epson Compatible Cash Drawers Only"	CD-102A	CD-102B	RJ12	320		520	322	
ITHACA	"Star Compatible Cash Drawers Only"	CD-101A	CD-101B	RJ12	320		520	186-6A	
NCR	Answer Printer & NCR 2567 Workstation	CD-011		RJ12	320		520		ncr.com
NCR	7167, 7197 Printers	CD-001A-D	CD-001B-D	RJ12	320		520	96	
OKIDATA	425 Series Printers	CD-101A	CD-101B	RJ12	320		520	237A	okidata.com
OLIVETTI	PR4DT Printer	CD-101A	CD-101B	RJ12	320		520	237A	
OMNIPRINT	OM100, OM200 Printers	CD-101A		RJ12	320		520	237A	
OMNIPRINT	OM265 Printer	CD-021A		RJ12		420	520	292	omniprintinc.com
PERTECH	A470, A470e, 4710, 4711, 4712, 4770, 4771 Printers	CD-003A	CD-003B	RJ12	320		520	197	pertechresources.com
PERTECH	A714, A715, A716, 5351, 5354, 5371, 5371 Series Printers	CD-101A	CD-101B	RJ12	320		520	237A	
PIONEER POS	Step 5e Printer	CD-102A	CD-102B	RJ12	320		520		pioneersolution.com
POSIFLEX	Aura PP-7000 Printers	CD-101A	CD-101B	RJ12	320		520	237A	posiflexusa.com
SEIKO	Qaliber RP-E and Qaliber Lite RP-D Series Printers	CD-101A	CD-101A	RJ12	320		520	237A	sii-thermalprinters.com
STAR	DP8340 Printer, Parallel - with RJ Jack	CD-017A		RJ12		420	520	186-3A	
STAR	DP8340 Printer, Serial - with Molex Connector	CD-017A + M-16E-0186-SER		3 Pin Molex		420	520	186A	starmicronics.com
STAR	HSP, SCP, SP, and TSP Series Printers	CD-101A	CD-101B	RJ12	320		520	186-6A	
TOSHIBA (nee IBM)	SureMark Single and Dual Station Printers (1NR, 1NA, 2CR, 2NR, DG9, DI9, TG9, TI9)	CD-102A	CD-102B	RJ12	320		520	461	toshibacommerce.com
TOSHIBA	TRST Series Printers (TRST-A10/A12/A15)	CD-101A	CD-101B	RJ12	320		520	237A	http://www.toshibatec-ris.com/
WESTREX	600, 7400, 7500, 8000 Printers	CD-015A		RJ12	320		520	192	westrex.com
WINCOR	TH Series Printers	CD-102A	CD-102B	RJ12	320		520	322	

Special Application Cables

APG Cash Drawer	Dual Drawer Splitter, General	CD-D1D2		RJ12	320	420	520	
APG Cash Drawer	Dual Drawer Splitter - for Epson DK port. Use with CD-101A and CD-101B (switches in series). See Pg 2	CD-D1D2EP		RJ12	320		520	

NOTES: For current version of this guide see the APG Cash Drawer web site at www.cashdrawer.com or contact customer service at (763) 571-5000. The 520 MultiPRO® Interface is not available in the Vasario product line. All cables are 5ft. [1.5m] long, unless otherwise specified. Contact APG for longer cables. Many options listed above are available in 10ft [3.0m] cable length options. The DirectPRO™ interface includes a hardwired cable connected to the Cash Drawer with the proper termination for the specified host device. Consult APG Doc No. M-43-015 Cable Pinout Guide for pinout information on these various cables



MultiPRO® 520 Interface Cash Drawer
12/24V Dual Solenoid

MultiPRO® 420 Interface Cash Drawer
12V Solenoid

MultiPRO® 320 Interface Cash Drawer
24V Solenoid



Host Devices		Cable Part Number			Interface Types			DirectPRO™
					MultiPRO®			
Manufacturer	Models	1st Drawer	2nd Drawer	Connector	24 Volt	12 Volt	12/24 Volt	Option #
					MultiPRO® I	MultiPRO® II	MultiPRO® III	
ECR's and POS Systems								
COMTREX	ITP Terminals	CD-028A	CD-028B	RJ12		420	520	
CRS	CRS-3000 Terminal	CD-016		4 Pin Molex		420	520	
ELO TOUCH	ELO Touch Systems Terminal	CD-039A	CD-039B	6P6C Mod Plug		420	520	
FUJITSU	TeamPoS 7000	CD-102A		RJ12	320		520	322
GEAC	GEAC/FASFAX Terminals	CD-006A		D-Sub 9-Male		420	520	
INNOVAX	Terminals	CD-008A		D-Sub 9-Male		420	520	236
J2	Terminals	CD-101A		RJ12	320		520	237A
NCR	7454 / 7456 / RealPOS Terminals	CD-001A-D	CD-001B-D	RJ12	320		520	96
NEC	TWINPOS 5500Ui	CD-102A		RJ12	320		520	322
PANASONIC	Terminals	CD-022		5 Pin Bayonet	N/A	N/A	520	
PANASONIC	Terminals	CD-029		5 Pin Bayonet		Vasario 420 Only		
PANASONIC	7000 and 7500 Series Terminals	CD-042		6 Pin DIN	N/A	420		
PANASONIC	7000 and 7500 Series Terminals	CD-043		6 Pin DIN	Vasario 320 Only			
POSIFLEX	Jiva Touch Terminals: 5700,5800, 6000, 7000	CD-046		RJ12		420	520	390
POSITRAN	Terminals	CD-012		5 Pin Molex	320		520	13
PIONEER POS	Magnus AIO-XV, S-LINE, LX Terminals	CD-102A	N/A	RJ12	320		520	322
SHARP	ER-A170,-A320,-A330,-A430,-A460,-A470,-A550,-A610, UP-3300 Terminals	CD-033		3 Pin Molex	320		520	
TOSHIBA (IBM)	468X & 469X, same cable for Port A or Port B	CD-007	CD-007	4 Pin SDL			520	468
TOSHIBA (IBM)	SurePos 300, 500, 700, 775 Series POS Systems, same cable for Port A or Port B	CD-037	CD-037	4 Pin SDL	320		520	568
TOSHIBA TEC	FS-3600 Modular POS Terminal (Epson Interface)	CD-101A	CD-101B	RJ12	320		520	237A
TOSHIBA TEC	ST-5600 Modular POS Terminal; ST-60, ST-70, ST-71 Touch Screen Terminal (Tec Interface)	N/A	N/A	** Contact APG **				577
UNIWELL	UX Series Terminals	CD-102A		RJ12	320		520	322