

Manufacturer	Model	COM Information	Version/Serial	Cable Information	Comments
Colin Medical	Pressmate Advantage	1. Has 15-pin RS232 serial port 2. Has interface option # 0040052A (interface board for serial communication)	SN-300238	Required custom cable available only from ProVation Medical. Blackbox part # CBCC241789	
Criticare	nGenuity			Required custom cable available only from ProVation Medical. Blackbox part # CBCC330471	≥4.2.200
	nGenuity w/ CO2				≥4.2.220
	nGenuity 8100EP				
	Scholar III		Criticare Scholar III-507E and Criticare Scholar III-507EL have been tested at ProVation	DB9 Male to DB9 Female cable available only from ProVation Medical. BlackBox part # CBCC219294	≥4.2.300 or ≥5.0.60
Critikon Dinamap	Compact TS, Critikon Pro, Critikon Plus, Pro 400, HostComm	1. Has a 15-pin RS232 serial port for communication 2. Is suitable for communication of vital signs	Compact TS: SN-97Q0005400HT	Required custom cable available only from ProVation Medical. Blackbox part # CBCC247997 (25 ft) or CBF0267907 (6ft)	
Datascope	Passport Passport XG Passport D Passport 5L	1. Must be able to communicate using the 'DIAP' protocol. 2. Has a serial communication port that uses a 'J-1' connector. 3. Has monitor version P.0.2:0000 or higher	Passport XG: SN-PG18719H9 PN-0998000134W24	1. Passport to Visa Cable ordered from Datascope and fitted with RJ-45 to DB9 converter listed below (part # 0012-00-0718-01) 2. RJ-45 to DB9 Converter for Cable (Blackbox part # CBRS341872)	See Citron KB article #625 for details on how to determine software version. NOTE: Passport 2LT is not supported.
	Passport 2 Trio	1. Same as above except for point #2. 2. Has a 9-pin RS232 serial communication port	Passport 2: SN-TS08911-87 PN-0998-00-0900-4002A	Null Modem DB9 cable female/female available from Datascope (part # 0012-00-1275-01)	
	Accutor	1. Has 25-pin RS232-C serial port 2. Is suitable for serial communication		Null modem cable DB9 to DB25 Female to Male 6 ft or 10 ft (part # BC00301 or BC00302)	
	Accutor 3 Accutor 4	1. Has DB25 Male/DB9 Female		Blackbox part # EVMTBPC-0006 (6 ft) Blackbox part # EVMTBPC-0010 (10 ft)	
	Accutor Plus	1. Has 9-pin RS232 serial port 2. Is suitable for serial communication using 'DIAP' protocol.		Blackbox part #EYN257T-0006-MF Blackbox part #EYN257T-0010-MF Blackbox part #EYN257T-0015-MF Blackbox part #EYN257T-0025-MF	
Datex-Ohmeda	AS/3, CS/3, S/5	1. Has 9-pin RS232 serial port 2. Suitable for serial communication		Blackbox part # EYN257T-0025-FF (25ft) or EYN257T-0006-FF (6ft)	

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GE	Eagle 3000 Dash *2000, 3000, 4000, *5000	1. Has db 9-pin output or an 'AUX' RJ-45 port suitable for asynchronous serial communication of vitals signs. 2. Special cable needs to be ordered. 3. The Eagle 3000 is also known as Marquette Eagle. The Dash 3000, 4000 is also known as Marquette 3000, 4000.		Blackbox part # CBCC346640 and an RJ45 Cat5 Cable	
	Eagle 4000	1. Has 9-pin male/female 2. The Eagle 4000 is also known as Marquette Eagle.			
	*ProCare 100, 200, 300, 400		Procare 400 SN-AAW06370484SA DPC400M-EN	Procure Monitors need the following part numbers: 1. GE part #683235 (DB15 to RJ45) 2. GE Part# REF1926 Female to Female RJ45 Adapter 3. GE Part# 683242 (RJ45 to DB9)	
	Pro 1000	1. Has a 9-pin or 15-pin RS232 serial port for communication (interface module for serial communication) 2. Is suitable for communication of vital signs	SN-WAA06080041SA	Pro 1000 needs ILC 1928 or 1927 port that screws into back of monitor. GE cable #683242 to connect RJ45 to DB9 needs to be ordered directly from GE Rep. An RJ45 Cat5 Cable is also required.	
HP/Agilent	V24, V26c	1. Has 9-pin RS232 serial port 2. Has interface board to support serial communication using MECIF protocol		Required custom cable available only from ProVation Medical. Blackbox part # CBCC278060	
Medical Data Electronics (MDE)	Escort Prism	1. Has 9-pin mini-din RS232 serial port communication module		Required custom cable available only from ProVation Medical. Blackbox part # CBCC265028	
Philips	Omnicare 24 Omnicare 26	1. Has 9-pin RS232 serial port 2. Has interface board to support serial communication using MECIF protocol		Required custom cable available only from ProVation Medical.	Baud Rate must be set at 19200 MP30 Anesthesia model supported ≥4.2.240 ASP.NET
	C3	1. Software version: any version is compatible with RS232 output, latest version is 2.02 2. Does not provide real-time vitals information (20 second delay) 3. Not recommended device 4. Standard 9 pin RS232 output connector		Null modem DB9 cable female/female available from Datascope (part #0012-00-1275-01)	
	M2, M3, M4	1. Software versions: any version with "D" or higher 2. RJ45 connector for cross-over cabling configurations utilizing the LAN interface		Blackbox part # EVCRB02-0020	
	MP30/50/ Intellivue Series, MP30 Anesthesia Model	1. Software version: any version is compatible with RS232 output 2. Only models tested at ProVation are the MP30 and MP50. Philips has indicated to ProVation that it is the same output on other models in Intellivue series.		1. Required custom cable available only from ProVation Medical. Blackbox part # CBCC310198 2. RJ45 connector for serial connections via the RS232 interface 3. Cabling considerations: Connect an Ethernet CAT5 patch cable to the vitals monitor. When the monitor is turned on the LED next to the circle/arrow out symbol will be lit for the configured port. 4. Connect the other end of the CAT5 patch cable to the RJ45/DB9 adapter and then connect to the serial port on the computer.	

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Philips	MP5	1. Software version: any version compatible with RS232 output		1. Required custom cable available only from ProVation Medical. Blackbox part # CBCC341079 2. RJ45 connector for serial connections via the RS232 interface 3. Cabling considerations: Connect an Ethernet CAT5 patch cable to the vitals monitor. 4. Connect the other end of the CAT5 patch cable to the RJ45/DB9 adapter and then connect to the serial port on the computer.	
Smith's Medical	Advisor	1. Has serial output on back. 2. Test configuration: Main Module ADVRD Revision 1.10	SN-AM07030152 920634335 2007-04	DB9 extension cable with Female/Female Blackbox part # BC00242-0006	≥4.2.240
SpaceLabs Medical	1050 Ultraview	1. Has 9-pin RS232 serial port using a null modem cable 2. Has software version 3.68.03 or greater 3. Has an 'F' in the Options number on the back of the unit	Model-90369 Serial-369001542 Options-1FNRV05	Blackbox part # EYN257T-0006-MF (6ft), EYN257T-0010-MF (10ft), EYN257T-0015-MF (15 ft), EYN257T-0025-MF (25ft)	
	UltraView SL	1. Has 9-pin RS232 serial port using a null modem cable 2. Has software version 3.68.03 or greater	SW version of monitor should be at least V2.02.06	Blackbox cable part #CBCC2199294	≥4.2.300
WelchAllyn	Propaq Encore, Propaq CS,*Propaq Encore 200 Series (includes 240CS)	1. Has "Acuity Network" connector 2. Software V 2.x or greater	Propaq CS: SN-GA002940 Model-242 Option-228	Required custom cable available only from ProVation Medical. Blackbox part # CBCC219297	
	QuikSigns	1. Suitable for serial communication of vital signs 2. No Acuity Network connector, has external male DB9 connector		Required cable only available from Welch Allyn. 5200-170	
	Atlas	1. Has an RJ-45 RS232 port on back. 2. Suitable for serial communication of vital signs		Required cable only available from Welch Allyn. 6200-60	Software Version: BB.02.5000
	VSM & *CVSM	1. Has a male DB9 output 2. Suitable for serial communication of vital signs		Required cable only available from Welch Allyn. 5200-170	VSM2 Software Versions 5-16 and 5-17 and greater. Unit must have male DB9 output for RS232 CVSM Software Version 3.11 and greater To obtain the current software version depress the "Start" (or start BP)
	VSM 53N00 (VSM 300 Series)	1. Has an RJ45 output 2. Suitable for serial communication of vital signs		Required cable only available from Welch Allyn. 5300-170	≥4.2.300 Provation Medical has tested this with the 53NTO-E1 monitor. According to Welch Allyn, these models will also work: 53000-E1, 5300P-E1, 530T0-E1, 530TP-E1, 53N00-E1, 53N0P-E1, 53NTP-E1, 53STP-E1, 53ST0-E1, 53S0P-E1, and 53S00-E1

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*Monitors have been deployed at client sites and interfaced with MultiCaregiver, but have not been formally tested at ProVation Medical.		†If you have questions regarding a monitor that is not on the supported list, please contact your Project Manager or Account Manager. You will need to provide technical specifications for the vitals monitor as well as contact information for the monitor manufacturer. A vitals monitor will need to be sent to ProVation Medical for in-house development and testing.	‡The interface supports capture of BP, O2, and Pulse. If CO2 is noted in the vitals monitor model, that monitor also has the ability to capture CO2.	§Anesthesia model monitors are not supported unless otherwise noted.	