






Company	Cadwell Laboratories Inc	CareFusion	CleveMed	Compumedics USA Inc	Philips Respironics	
Product Name	 Easy III Amplifier with Easy III Software	 SomnoStar software with z4 amplifier	 Sapphire PSG Amplifier with Crystal PSG Software	 Graeal HD-PSG Amplifier with Profusion PSG 3 Software	 Alice 5 with SleepWare	
Website	www.cadwell.com	www.carefusion.com	www.CleveMed.com	www.compumedics.com	www.philips.com/sleepdx	
SOFTWARE	Year Introduced	2007	1986	2003	2007	1994, updated 1-2 times/year
	Current Version Number	3.6.18	9.1	7.5	3.2	2.8ML
	Upgrades Policy	No charge	Free unless hardware or training is required. Always free under contract.	Included during warranty or extended maintenance plan	Updates within version free of charge; upgrades to new version for special pricing, with further discounts for customers under warranty or service contract.	Free
	Custom Reports	No charge	Custom reports available	One set included with purchase, customer may create their own	Customer may create their own with the use of imbedded Profusion Report tools in Microsoft Word.	4 hours by site of custom report writing with system(s) purchase, then hourly fees; customer may also create own.
LAB MANAGEMENT SOFTWARE	SQL Based	No	Yes	No	Yes	Yes, via Web interface as optional offering
	Separate or Integrated	Integrated	Integrated and separate	Integrated	Integrated	Separate as optional offering
	Queryable Search Engine	No	Yes	No	Yes	Yes, optional
	HL 7 Enabled	Yes, optional	Yes	No	Yes, optional	Yes, optional
AMPLIFIERS	Year Introduced	2007	2008	2007	2009	2004
	Number of Channels AC	46-150	48	21	40 AC, total of 77 channels	43
	Number of Channels Auxiliary Devices	20	16	1	16	12 analog inputs
	Works with All Devices That Offer Output of +/-1 or +/-5 Volts	Yes	Yes	Yes	Yes	Yes (+/- 1.65v)
	Sampling Rates	4000Hz per channel	2000Hz	256Hz	Up to 2048Hz per channel, oximeter up to 256Hz	2000Hz initial with storage of 1-500Hz depending on channel
	AASM Compliant	Yes	Yes	Yes	Yes	Yes
	Impedance Testing at the Bedside	Yes	No	Yes	Yes	Yes with PC
	Transmission Mode	Cat 5/6	Cat 5	900 MHz or 2.4 GHz wireless	Cat 5e	Cat 5
	Warranty	1 year with purchase of system	1 Year	1 Year	1 year	2 years
	Operating System	Windows XP	Windows XP	Windows XP, Vista (32 and 64 bit), or 7 (32 and 64 bit)	MS Windows XP Professional, Windows 7 Professional, MS Server 2005, MS Server 2008	Windows 7 Professional (32 bit), Vista Business (32 bit), XP Professional, 2000, or Server 2003
VIDEO	Fixed Focus or PTZ	Both available	Both	Both available	Both available	Both available
	Integrated IFR Generator or Stand-alone	Both available	Stand-alone	Both available	Both available	Integrated for fixed-focus and PTZ; stand-alone also available to supplement
	Frame Rate of Capture Adjustable from X to Y	25-30 fps	Yes	1, 5, 10, and 30 frames per second	Yes, from 0.5 to 30 frames per second	Yes, via Axis Camera settings using MPEG4
	Adjustable Frame Rate During Collection	No	Yes	No	No	No, though MPEG4 auto-manages
	Post Acquisition Editing	Yes	Yes	No	Yes	Yes
	Integrated Intercom	No, offered for purchase	No	No	Yes, Louroe	Voice over IP (VoIP)
TRANSDUCERS	Proprietary Connectors	Yes, for EasyNet modules	No	No	Yes, for RIP bands, position and microphone transducers	No
	RIP Belts (Reusable/ Disposable)	Both, ships with reusables	Both	Both available	Reusable	Reusable
	Sum Channel Calculations	Interfaces with Sum Channel RIP systems	Yes	No	Yes, software based	Yes
	RIP Integrated or Requires Conditioner Box	Conditioner Box if Sum Channel is used	Neither	Integrated	Integrated	Conditioner Box
INSTALLATION/TRAINING	Pull All Cables & Install All AV Equipment	Yes	Yes	Yes, no cables required	Yes, for additional charge	Yes, as purchased option
	Installation Included in Purchase	Yes	Yes	Yes	Yes	Yes
	Number of Days for Initial Training	1-3	3	2	3	3-4
	Webex Training Available	Yes	Yes	Yes	Yes, via Go-to-Meeting	Yes
SUPPORT	Available 24/7 for Live Contact	Yes	Yes	Yes	Yes	Yes
	Cost of Phone Support	Free	Free	Free	Included in warranty period and under service contract	Free
	Webex Available	Yes, via Go2Assist	Yes	Yes	Yes, via Go2Assist	Yes
MAINTENANCE	Service Contract Available	Yes	Yes	Yes	Yes	Yes
	Free Loaners Available During Warranty/Contract	Yes	Not needed, swap out	Yes	Yes	Yes