

TAGecg® Wearable Sensor

Specifications



Technical Specifications		
ECG	1 channel	
Memory capacity	7 days (168 hours)	
Recording format	Continuous	
Patient event logging	Yes, by patient pressing event button on the sensor	
Dimensions	15 cm (w) x 7.5 cm (h) x 1 cm (d)	
Weight	23 grams	
Shelf life	6 months	
Minimum Standalone/Client Specifications		
ECG data analysis	Beats and rhythms analyzed	Atrial rhythms, pauses, premature atrial contractions (PACs – PAC burden), supraventricular tachycardia (atrial runs), atrial fibrillation (AF burden), tachycardia, bradycardia
	Ventricular rhythms	Premature ventricular contractions (PVCs – PVC burden), couplets, triplets, ventricular tachycardia (ventricular runs), bigeminy, trigeminy
Report output formats	PDF	
Full disclosure report	Yes, using TraceViewer feature in TAGconnect software	
Electrical Characteristics		
Input impedance	>10 Mohm	
Voltage range	+/-392 mV	
A/D sampling rate	250 Hz	
Resolution	0.77 µV	
Computer Specifications: TAGconnect Software		
Operating system	Windows® 7 (SP1) and higher Microsoft®.NET Framework 4.5 and Visual C++ 2013 Runtime library (loaded by the TAGconnect setup program if not already installed)	
Hard disk capacity	2 GB of free disk space or greater	
System memory (RAM)	Minimum 4 GB	
Processor (CPU)	Dual Core CPU @ 2.5 GHz or greater, 32-bit (x86) or 64-bit (x64) processor or equivalent	
Display	1300 x 768 or higher resolution	
Software installation	Locked USB flash drive	
Ports	One available high-speed USB 2.0 (minimum) for Smart Cable connection	
TAGconnect Software: Other Information		
Average file size per patient test*	450 MB	
Software data output types	PDF, DAT, Excel files; one Windows folder per patient test	
EMR connectivity	Secondary PDF report storage option for storage/access on user-designated file server location; available for EMR upload per EMR and system network architecture	
Software installation	Locked USB flash drive	

For more information, contact your local Welch Allyn representative or visit www.welchallyn.com.

Specifications subject to change without notice.

*TAGconnect software checks available disk space for saving patient ECGs and associated information at start-up. If the available disk space is less than one gigabyte (GB), a message will be displayed.