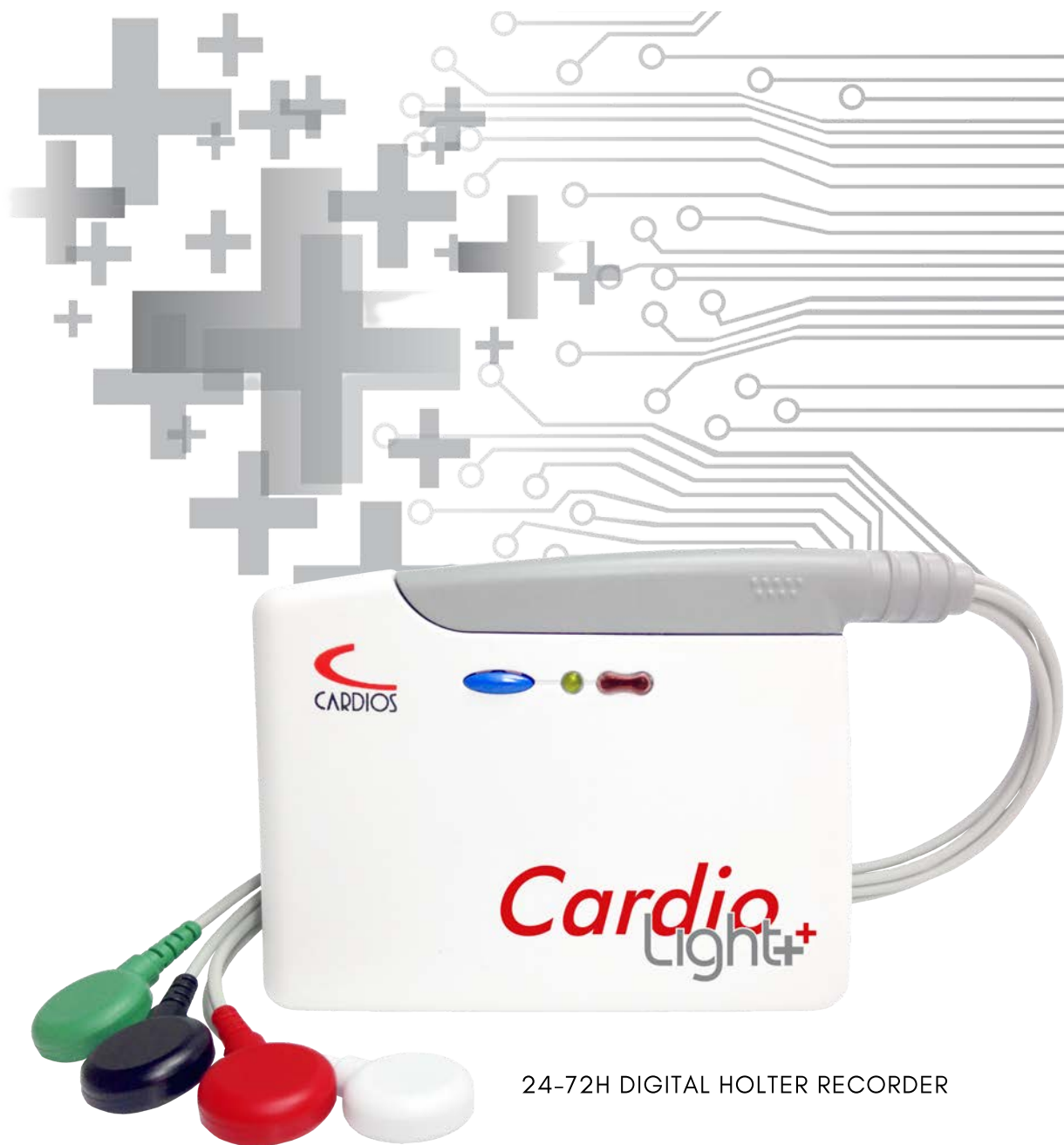


TECHNICAL SPECIFICATIONS



24-72H DIGITAL HOLTER RECORDER



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CARDIOLIGHT+

24-72H DIGITAL HOLTER RECORDER

DESCRIPTION 

CARDIOLIGHT+

ECG RECORDER

Number of leads	4 & 7
Number of channels	3

PATIENT CABLE

Connector	Custom using a DB9 connector
DC input impedance	>10MΩ
Sample resolution	12 bits
Sampling rate	800 samples/second/channel
Resolution of A/D converter	<3 μV / LSB
Signal resolution for analysis and storage	2.5 μV
Dynamic range	\pm 5 mV (input)
Front-end performance	EN IEC 60601-2-47
Pacemaker detection	Hardware detection
Defibrillation detection	Not present
Patient cable detection	Not necessary for recording and analysis
Duration of recording	24, 48 or 72h
Internal memory	Embedded 2Gb
Data transfer	USB 2.0



ELECTRICAL FEATURES

Power supply	1x AAA battery (alkaline or NiMH)
Battery life	More than 72 hours at 800 sps

USER INTERFACE

Buttons	1 multifunction (Start/Stop recording, mark event, stop infrared transmission)
LED	Green and Yellow - device status
Buzzer	Errors

SPECIFICATIONS

Dimensions	82 x 60 x 14 mm
Weight	47g
Protection against accidental entry of water or substances	IPX0
Packing	125 x 145 x 60 mm

ENVIRONMENTAL OPERATING SPECIFICATIONS

Temperature	5° to 40°C
Humidity	10% to 95% non-condensing
Pressure	70 to 106 kPa

ENVIRONMENTAL STORAGE SPECIFICATIONS

Temperature	0° to 70°C
Humidity	15% to 95%
Pressure	70 to 106 kPa

**REGULATIONS AND SAFETY****CLASSIFICATION ACCORDING TO MDD 93/42/EEC**

Class	Ila
Rationale	Rule 10 Annex IX Directive 93/42/EEC
Notified body	PCBC (1434)

CLASSIFICATION ACCORDING TO EN IEC 60601-1 - ELECTRICAL SAFETY

Protection against electrical shock	IP (internal power)
Applied parts	BF type
Protection against accidental entry of water or substances	IPX0
Operation mode	Continuous

CLASSIFICATION ACCORDING TO EN IEC 60601-1-2 - ELECTROMAGNETIC COMPATIBILITY

Group	1
Class	B

APPLICABLE STANDARDS

ISO 15223-1:2016
EN 1041:2008
EN ISO 13485:2016
ISO 14971:2019
ISO 60601-1:2012
EN IEC 60601-1-2:2014
EN 62304:2006 + A1:2015
EN 60601-1-6:2010 + Amd:2013
IEC 62366:2015
EN IEC 60601-2-47
ISO 780:2015
IEC 60601-1-9:2007 + Amd:2013