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Medi Minder Guardian

EMERGENCY

USER MANUAL

Table of Contents

Introduction

Your SmartLink Medi Minder Guardian has been designed to provide you with the freedom and peace of mind in that, should you need assistance or HELP, it is available to you 24 hours a day with the simple press of a Button.

The modern slim line design of the SmartLink Medi Minder Guardian allows it to be installed unobtrusively anywhere and is ready when you need help. HELP can be summoned by pressing a Button on your personal Pendant or Wristwatch, which you can wear both inside your home or outside in the garden, ready for any emergency, giving you the freedom you enjoy for total control at all times.

The SmartLink Medi Minder Guardian has been built to the highest of technical standards for the protection of people and property and manufactured to Australian and International quality standards.

Your SmartLink Medi Minder Guardian can be supplied with additional fixed or portable Radio Key Pendants, which can be worn or placed around the home as needed. Please contact your supplier for more information.

Medi Minder Guardian

Plug Pack
9V DC 300mA

Direct Serial DB9 Pin
Programming Lead
(Part No. 450-185)

Smartlink Medi Minder 2
Model No. SMIND2-915
Part No. 106-ABC
Serial No.1234567
V1.0
Date. Dec'15

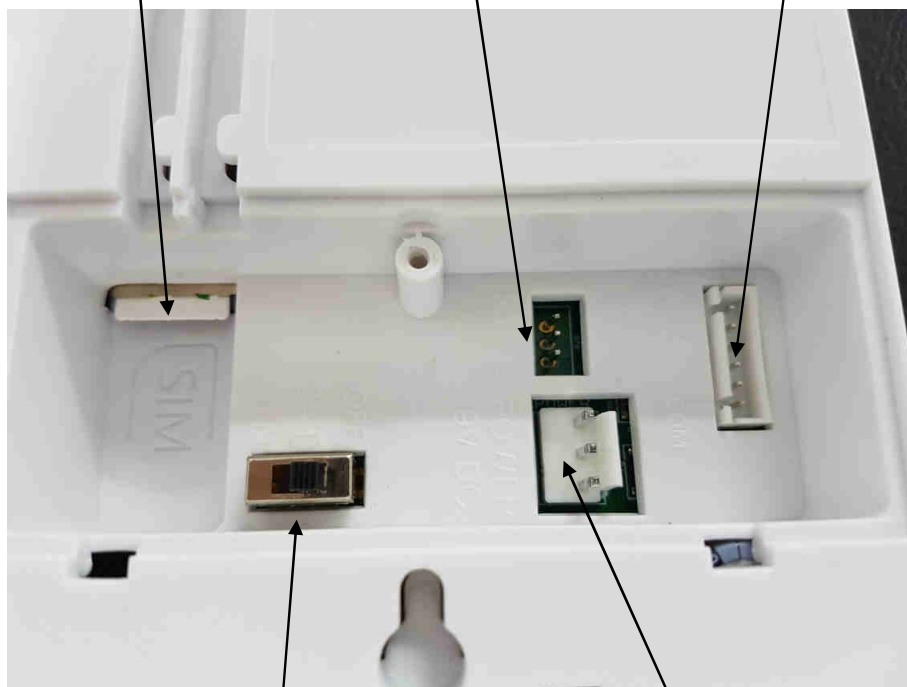Rechargeable Battery
4.8V Ni-MH 1600mAh
(Part No. 142-031)

SIM Card

RS232 Programming

Aux Inputs/Outputs

Battery ON-OFF Switch

POWER 9VDC ONLY

Pendants and Detectors

Universal Pendant (106-385)

SmartFall Blue Fall detector (Bluetooth)

Vibration Blue Vibration Pendant (Bluetooth)

Using Medi Minder Guardian

NORMAL OPERATION

Your Medi Minder Guardian will normally look like this:

The MAINS ON Light & the CANCEL (GREEN) BUTTON should be ON.

TO CALL FOR HELP

You can make your Medi Minder Guardian Call for Help by either:

|			
1	HELP	Pressing the HELP (RED) BUTTON on your Medi Minder Guardian	**2** HELP The HELP (RED) BUTTON will FLASH rapidly & Medi Minder Guardian will start beeping. This is a Pre-Alarm warning, while this is sounding you can Cancel the Help alarm by pressing the CANCEL (GREEN) BUTTON on your Medi Minder Guardian.

OR
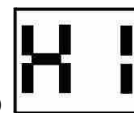Pressing the Large HELP (Panic) BUTTON on your Wristwatch/ Pendant for 2 Seconds.

3

If the CANCEL (GREEN) BUTTON is not pressed within the pre-alarm time (10 seconds), then your Medi Minder Guardian will dial your Monitoring Centre .

CANCEL
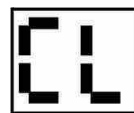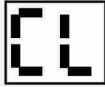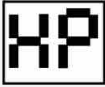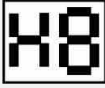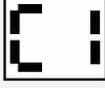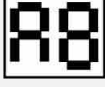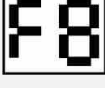
CL to **HI** **is displayed.**

When your Monitoring Centre has received the Help Call, your Medi Minder Guardian will beep 7 times to let you know that the Call has been received. The HELP (RED) BUTTON will now FLASH slowly every 4 seconds to indicate that your Medi Minder Guardian has Called for Help.

Displays and Warnings

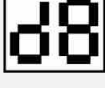| Display		Description
MAINS ON ☀ ○ BATTERY LOW		**MAINS ON Light Flashing** **AC Power Fail –** Check/Make sure that the MAINS Power Plug Pack is plugged in and turned ON at the Power Point.
Lb		**Flashing & BATTERY LOW Light Flashing** Check/Make sure that the Battery Switch is turned ON underneath the Medi Minder Guardian. Contact your Installer/Monitoring Centre.
rF		**The Medi Minder Guardian failed to send an Alarm** Check/Make sure that the Antenna/SIM Card is plugged in. Contact your Installer/Monitoring Centre. (The Medi Minder Guardian will also beep for 25 seconds).
cF	or **Si**	**"cF" CELLULAR has failed or "Si" SIM Card Missing/Removed** Check/Make sure that the Antenna/SIM Card is plugged in. Contact your Installer/Monitoring Centre. (The Medi Minder Guardian will also beep for 25 seconds).
CL	or **HP**	**is on the Display & HELP RED Button Flashing** The HELP RED Button on the Medi Minder Guardian has been Pressed.
H1	to **H8**	**Flashing & HELP RED Button Flashing** Pendants No. 1 to 8 has been Pressed.
C1	to **C8**	**Flashing & HELP RED Button Flashing** Pendants No. 1 to 8 has been Pressed.
A1	to **A8**	**Flashing & HELP RED Button Flashing** Pendants No. 1 to 8 has been Pressed.
S1	to **S8**	**Flashing & HELP RED Button Flashing** Pendants No. 1 to 8 has been Pressed.
F1	to **F8**	**Flashing & HELP RED Button Flashing** Detectors No. 1 to 8 Programmed as Fire "Fi" Option has been Activated.
b1	to **b8**	**is on the Display** Pendants No. 1 to 8 has detected a Low Battery. Contact your Installer/Monitoring Centre.
d1	to **d8**	**is on the Display** Detectors No. 1 to 8 has detected a Low Battery. Contact your Installer/Monitoring Centre.

Cellular Signal Quality

To Check the Signal Quality/Strength: While the Medi Minder Guardian is in Normal/Operation Mode, Press the CANCEL Green Button and the Signal Strength Displays/Flashes for 2 Seconds.
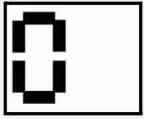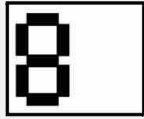
0 to **8**		The Medi Minder Guardian Displays/Flashes the Signal Quality from 0 to 8 0 to 1 = Weak Signal 2 to 6 = Good Signal (Industry Average) 7 to 8 = Very Strong Signal The Unit Updates the Signal Quality/Strength Every Minute.

Cellular UDP/Server

Medi Minder Guardian

Alarm report to ArmorIP via a Mobile Data Network and Internet
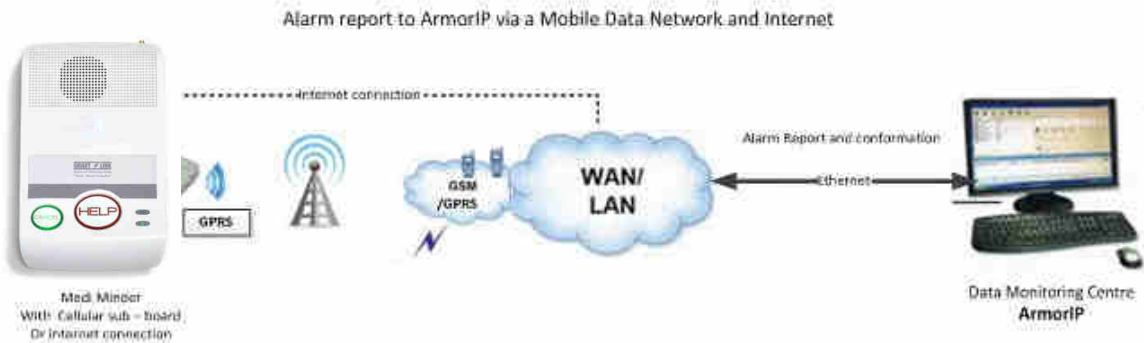
The Medi Minder Guardian has an internal GPRS/GSM Module to perform Network Reporting.

This reporting is used to transmit alarm reporting messages from a subscriber's site to a Data Monitoring Centre via a mobile data network and internet.

The alarm reporting messages has packeted into ARMOR IP REPORTING PROTOCOL format, and use the UDP/IP internet protocol to transmit the alarm reporting message to a Data Monitoring Centre by specified Host/Server IP Address and Port Number.

ı	[ntwl]	Network Initiating
o	[ntw0]	Network Opening
0	[prt0]	Port Opening
u	[cnct]	UDP Connection
r	[rpt]	Reporting
A	[rsp]	Acknowledge Response
C	[ntwC]	Closes a Port on the Cellular Network
c	[ntwc]	Closes Connection with the Cellular Network.
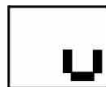
Specifications

Medi Minder Guardian

- Dimensions   L210 x W130 x D35 mm
- Weight   590gms (including battery)
- Quiescent Current   1mA
- 9V DC Plug Pack   **9V DC 300mA**
- Battery Backup   **4.8V 1600mAh Rechargeable Ni-MH (Part No. 142-031)**
- 2 way Radio Receiver 902-928MHz SRD
- Range   100 to 300 metres open air
                      (Subject to environmental conditions)

Transmitter

- Type   Crystal stabilised FHSS
- Frequency   902-928 MHz (USA & Canada)
- Power Output   < 13dBm

Conforming Standards

ISO 9001/2000 International Quality manufacturing Standards
EMC: FCC Part 15B
WCDMA B2/5, Power＋RSE: FCC Part 22H/24E,
LTE B2/4/5/12/13 Power＋RSE: FCC Part22H/24E/27L/27H/27F
Spread Spectrum Low power radio (902~928MHz) FCC Part 15C
47 CFR Part 2.1091 MPE
ICES-003
RSS-132/133 WCDMA B2/5
RSS-132/133/139/130 LTE B2/4/5/12/13 RSE＋POWER
RSS-247 Spread Spectrum Low power radio (902~928MHz)
RSS-102
TS 102 230-1/TS 34.123 [SIM Electrical/SVN]
TS 36.124 RSE [LTE B2/4/5/12/13]
CTIA 3.8.2 OTA [LTE B1 B2/4/5/12/13 [WCDMA B2/5]

FCC Regulations:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiated radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.
Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure Information

This device meets the government's requirements for exposure to radio waves.

This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.

ISED Notice

This device complies with Innovation, Science and Economic Development Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:
(1) This device may not cause interference, and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en

This device complies with the Canadian ICES-003 Class B specifications. CAN ICES-3(B)/ NMB-3(B)

ISED RF Exposure Statement

This device complies with ISED RSS-102 RF exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the IC RSS-102 RF exposure limits, human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.

Cet appareil est conforme aux limites d'exposition aux rayonnements de la CNR-102 définies pour un environnement non contrôlé. Afin d'éviter la possibilité de dépasser les limites d'exposition aux fréquences radio de la CNR-102, la proximité humaine à l'antenne ne doit pas être inférieure à 20 cm (8 pouces) pendant le fonctionnement normal

USA Contact:
Elk Products. 3266 US-70, Connelly Springs, NC 28612
Tel: 828-397-4200

EQUIPMENT NAME: Medi-Minder Guardian

Model: SMIND-GUARD-LTE

FCC ID: O2K-SMINDLTE

CANADA IC: 2290B-SMINDLTE

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December 2019

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For Product: Medi Minder Guardian
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Specifications may change without notice.

To the best of our knowledge, the information contained in this manual is correct at the time of print. SmartLink "A division of NESS CORPORATION P/L" reserves the right to make changes to the features and specifications at any time without prior notice in the course of product development.