

||| EVE – 3G

EVE helps people remain independent and safe in their homes with the knowledge that help is only a button push away.



To solve the challenges associated with the changing telecommunications landscape, Chiptech proudly offers **EVE**, the cutting-edge 3G personal alarm (PERs). Evolving from the very popular ERICA and ERICA GSM, with its enhanced technological capabilities, EVE is a leader in cellular communicating personal alarms.

The medical alarm (PERs) industry is facing increasing challenges as many homes are transitioning to digital communication. EVE utilises the expansive 3G network and has the ability of having Dual SIM cards. This means that EVE will automatically failover to the next specified network provider in the event of a network outage, giving uninterrupted connection to monitoring, guaranteeing the safety and satisfaction of the end user.

EVE is available in two models:

EVE 3G utilises multiple communication pathways: standard phone line (PSTN), cellular analogue and cellular data. This versatile model also has Dual SIM card sockets and ring back over cellular or standard phone line.

EVE 3G Data is designed for data only communication to the monitoring centre and ring back on the cellular voice network. Single SIM socket.



EVE Key Features

- Micro SIM card socket(s) are accessible under a secure battery cover, designed to prevent tampering or accidental removal. This allows SIM card replacements to make best use of coverage and mobility plans available now and in the future.
- Data communication is fast, efficient and resilient; in major disaster events when other cellular communications are overloaded, data is often the least affected communication pathway.
- EVE alarms communicating via data use Contact ID with Comma Separated Values (CSV) over Transmission Control Protocol (TCP). This format can be easily monitored by a number of IP receivers. Chiptech can add an additional layer of security to the data communication when reporting via Chiptech's purpose built **Smartcare Relay** software.
- The ability to quickly upgrade voice, firmware, and configuration settings remotely through the cellular data network utilising the **Chiptech Wizard**.
- Automatically updates to changes in time zone and daylight saving using network time.
- EVE alarms are capable of running solely off its plug pack, which means that in the event of the battery being discharged or removed, the alarm is still fully functional.
- Ability to run the '**Global Update**' service for your fleet of EVE alarms through Chiptech's unique **Chiptech Cloud** platform. Enabling changes to be applied to the base unit firmware, cellular firmware, and the configuration file quickly and safely with minimal impact on normal monitoring operations.
- **Chiptech Cloud** is designed to help minimise risks associated with devices in the field with better tracking of your assets. Secure storage of device data along with the approximate location of the EVE alarm through cellular triangulation (M2M locate), enables notification when EVE has been shifted from its installation location.



EVE 3G and EVE 3G Data Technical Specifications

System:	EVE is supplied with either a pendant or watch style transceiver, a plug pack, battery and user guide, custom packaged in cardboard.
Dimension:	200 x 125 x 50 mm (L x W x H) and weighs 0.41kg
Packaged:	Recyclable cardboard box. (L x W x H), 215 x 175 x 55mm, that weighs 0.65kg with all components included.
Environment:	Operating temperature of 0 – 40°C, 90% humidity (non condensating).
RF Devices:	Learn and monitor up to 16 RF devices into an EVE. Base unit reports when RF device is missing communication for specified time period, with restore signal. Reports pendant low battery, and no pendant learnt to base unit.
Frequency:	869MHz in New Zealand or 916 MHz in Australia.
Range:	300M+ typical in open air with Pearl transceivers.
Power:	High efficiency 3W plug pack is supplied. Mains fail reporting after random 1-4 hour delay with restore report.
Battery:	Backup NiMH battery pack, provides up to 70 hours backup capacity when new and fully charged (when using recommended configuration). Fully charged in 24 hours. Regular battery maintenance cycle, every 90 days, ensures high capacity and life of battery (typical use sees 50,000 hours). Low capacity battery pack detected and reported. Missing or non-functioning battery pack reported. Low battery warning following mains failure at approximately 20% of capacity remaining.
Communication:	Contact ID (4 or 6 digit) over PSTN and Cellular Analogue, Cellular Analogue Strict, and CSV for Cellular Data (via 2 DNS and Static IP addresses providing multiple layers of redundancy). Quad-Band 3G module (UMTS/HSPA).

Standards

RoHS complaint
 ACMA – RCM mark
 New Zealand telepermit
 AS/NZS 4268:2003
 CISPR22:2006 and
 EN55022:2006
 IEC 60950-1:2001, BS EN
 60950-1:2002, AS/NZS
 60950-1:2001
 PTC200:2006
 AS/ACIF S002:2005
 AS/ACIF S004:2006
 AS4607
 TSANZ
 AS/CA S042.1:2010
 AS/ACIF S042.3:2005
 AS/CA S042.4:2010

RoHS

