

Chiptech Eve Dialler

Eve is a cutting-edge 3G personal emergency response system from Chiptech with enhanced technological capabilities. As many homes are transitioning to digital communication, alarm systems have had to transition as well. Eve uses the expansive 3G network and has the ability to use 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 for the safety and satisfaction of the end user.

Features & Benefits

- Micro SIM card socket(s) are accessible under a secure battery cover, designed to prevent tampering or accidental removal.
- 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.
- 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.

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 our Emergency Response Centre and ring-back on the cellular voice network. It has a single SIM socket.

Standards

- RoHS compliant
- 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



Specifications

System:	Eve is supplied with either a pendant or watch-style transmitter, a plug pack, battery and user guide, custom packaged in cardboard.
Dimensions:	200 x 125 x 50 mm (L x W x H) and weighs 0.41kg
Packaged:	Recyclable cardboard box 215 x 175 x 55 mm (L x W x H) 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 transmitter
Power:	High efficiency 3W plug pack is supplied

Battery:	<p>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.</p> <p>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.</p> <p>Missing or non-functioning battery pack reported.</p> <p>Low battery warning follows mains failure at approximately 20% of capacity remaining.</p>
Communication:	<p>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).</p> <p>Quad-Band 3G module (UMTS/HSPA).</p>

Specifications subject to change at discretion of INS LifeGuard.

