



Global Humanitarian Unity: Fostering Hope and Relief Worldwide

Danimex Communications offers a range of products and solutions to support humanitarian missions globally. We collaborate with leading manufacturers to develop tailored two-way radio and communication solutions for various industries and sectors. Our expertise in improving communication in demanding environments is reflected in the high-quality equipment and comprehensive support services we provide.

Discover how our diverse portfolio of essential radio communication solutions supports humanitarian organisations to streamline coordination, enhance safety protocols, and optimise operational efficiency in disaster response, conflict zones, and other critical settings.





MOTOROLA SOLUTIONS



MOTOROLA SOLUTIONS

Innovating Aid Operations: The Motorola R7 Radio Redefining Connectivity in Humanitarian Work

MOTOTRBO™ R7 is a cutting-edge digital portable two-way radio designed to excel in humanitarian missions. With loud, clear, and customisable audio, this rugged and dependable device ensures seamless communication in challenging environments. The advanced audio processing guarantees that voices are always understood, making it ideal for emergency response and crisis situations where clarity is paramount.

Its rugged construction, Wi-Fi, and Bluetooth connectivity options ensure reliability and adaptability as your systems grow, making it a perfect fit for humanitarian organisations. Built to military, the R7 is equipped with security features and over-the-air programming to minimise downtime, providing your team with a reliable communication solution in the most demanding scenarios.

ADVANTAGES OF DIGITAL

- » *Rugged and Durable: IP68-rated design for water immersion, withstanding tough environments*
- » *Enhanced Audio and Coverage: Adaptive Dual Mic Noise suppression and superior receiver sensitivity*
- » *Integrated Safety Features: Man-down, lone worker, and GPS tracking for extra security*
- » *Long Battery Life: Up to 28 hours for continuous communication during long shifts*





Empowering Operations with TRBONET Control Room

Experience TRBOnet Control Room, an innovative solution tailored for the humanitarian vertical. With the TRBOnet control room, you can revolutionise your operations by integrating advanced communication technologies to enhance safety, efficiency, and coordination in critical scenarios. This system offers seamless monitoring capabilities, enabling 24-hour surveillance of sites and instant response to triggered alerts, ensuring the utmost security for your personnel and assets.

TRBOnet Control Room is staffed by experienced personnel, ensuring round-the-clock support and quick responses to emergencies, making it an indispensable tool for humanitarian organisations operating in challenging environments. With features like movement detection, routine call logging, and lone worker monitoring, TRBOnet Control Room provides a comprehensive solution to streamline communication, enhance safety protocols, and optimise operational effectiveness in disaster response, conflict zones, and other critical settings.

TRBOnet can enhance the radio network and expand it to smartphones by utilising the Push-to-Talk over Cellular (POC) feature, enabling seamless integration of smartphones into the communication network for enhanced coordination and efficiency in critical scenarios.

TRBOnet
Dispatch Systems



Revolutionising Humanitarian Communications with POC (Push-to-talk over cellular)

WAVE PTX is a subscription-based group communication service that seamlessly connects your team across different devices, networks, and locations, instantly enabling professional radio PTT communication with the ability to share details via text, photo, video, or file attachment. This broadband push-to-talk service extends the reach of your professional radio system, allowing you to connect more team members over a wider service area. With WAVE PTX, your organisation can enjoy predictable costs, as it eliminates usage-based call charges, making it easier to manage your budget.

Push to Talk over Cellular (POC) solutions offer significant benefits to humanitarian organisations by improving team communication, enhancing collaboration, and ensuring worker safety. These solutions can be applied in various scenarios like disaster response, peacekeeping missions, and development agencies to streamline communication and support coordinated efforts. Integration with other Motorola Solutions technologies further enhances communication capabilities, creating a solid communication ecosystem for organisations to operate efficiently and effectively.

5 REASONS FOR USING POC SOLUTIONS

- » Service for professional radio communication across devices, networks, locations.
- » Shares various media for seamless information exchange.
- » Broadband PTT service connects more team members over a wider area.
- » Predictable costs, no usage-based charges for budget simplicity.
- » Ideal for humanitarian operations, enhancing communication and collaboration.



Evolve Smart LTE Handheld

Motorola Evolve LTE Handheld is a rugged device for business and mission-critical environments. It operates on 3G, 4G, and Wi-Fi networks, with a glove-operable touch screen, noise suppression microphones, PTT buttons, and a long-lasting battery. Compatible with WAVE PTX, it offers seamless communication and easy management. With an IP68 rating and MIL-810 compliance, it's ideal for tough conditions. Perfect for reliable data and communication in demanding settings.



KEY FEATURES

- » *Clear communication with noise suppression, echo cancellation, dedicated PTT, emergency buttons.*
- » *Open architecture for easy integration with existing systems like WAVE PTX.*
- » *Rugged design, IP68-rated for durability, glove-operable touch screen for harsh conditions.*



Rugged Push-to-talk devices

Introducing the Telox TE300K and TE590Plus - advanced devices for reliable communication in aid and disaster relief. With long-range connectivity, high-capacity power banks, and rugged durability, they're perfect for first responders, medical professionals, and aid workers.

KEY FEATURES

- » *TELOX Push-to-Talk products offer multimedia services like text messaging, photo & video uploading, live video sharing, and real-time GPS location tracking.*
- » *Communication capabilities include private calls, group calls, dynamic group conferences, and dispatcher calls, facilitating efficient and secure communication among team members.*
- » *TELOX products like the TE300K and TE590Plus offer rugged designs, loud audio, waterproof features, and IP68 ratings, making them durable and suitable for challenging environments in humanitarian missions.*

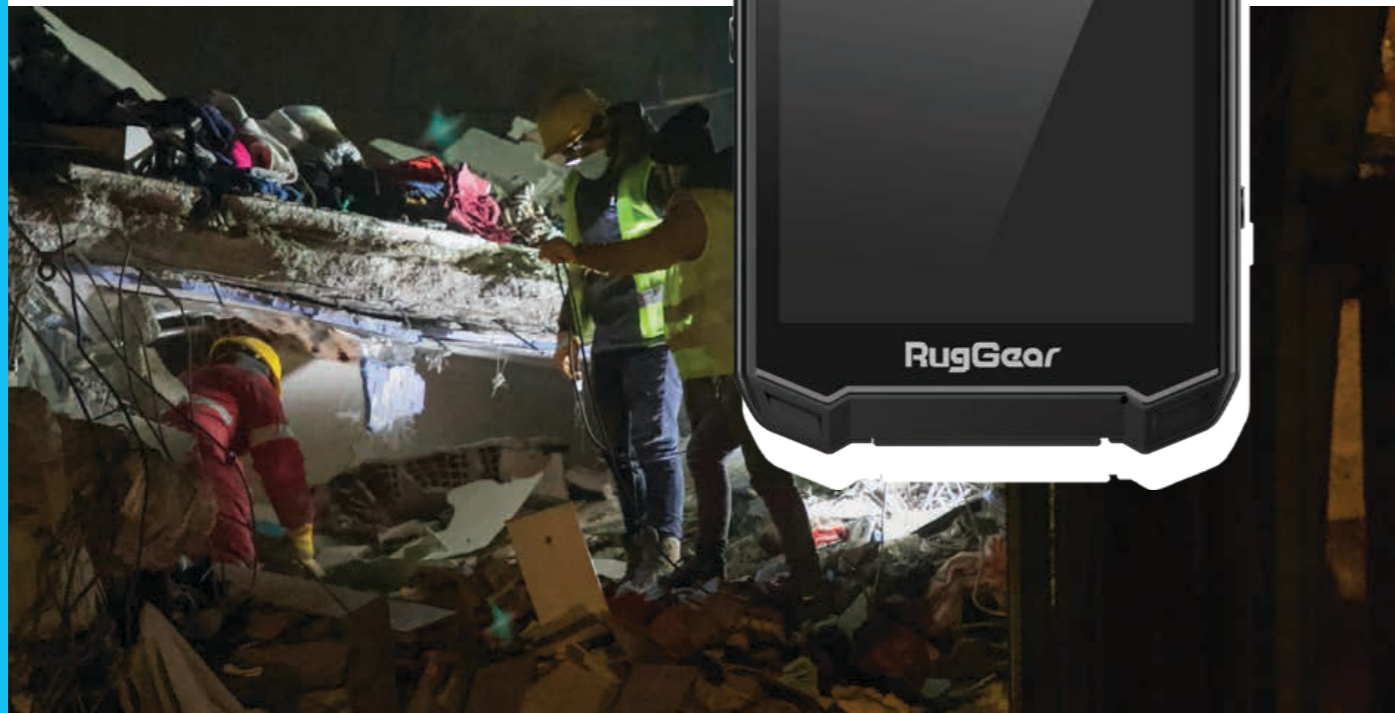


Reliable Communication in Any Environment

Discover the Rugged RG540 and RG750 - the ultimate companions for missions and aid work. These rugged devices are engineered to withstand the harshest conditions, ensuring reliable communication when it matters most. With features like long-lasting batteries, robust construction, and advanced connectivity options, the RG540 and RG750 are tailored to meet the demands of humanitarian verticals. Whether coordinating relief efforts, providing medical assistance, or staying connected in remote areas, these devices deliver the durability and functionality needed for successful operations. Choose Rugged RG540 and RG750 for dependable communication in challenging environments.

KEY FEATURES OF RG540

- » *5G connectivity and 6" FHD display, ideal for remote maintenance in industrial environments.*
- » *MCPTT and MCPTV functions for mission-critical communication.*



Introducing the Rugged RG750, a rugged smartphone designed for mission critical push-to-talk (MCPTT) communication. Compatible with worldwide LTE networks, the RG750 is built for emergency communication and features a powerful processor, large PTT button, and tuning knob for channel selection. With its robust design and IP68 rating, the RG750 is ideal for use in harsh environments and can withstand drops, shocks, and extreme temperatures. Whether you're a first responder, emergency worker, or in need of reliable communication, the Rugged RG750 is the perfect choice.

KEY FEATURES OF RG750

- » *Rugged smartphone designed for mission critical push-to-talk (MCPTT) communication.*
- » *Compatible with worldwide LTE networks and designed for emergency communication.*
- » *Equipped with a powerful processor, large PTT button, and tuning knob for channel selection.*



Learn more about our solutions.



Watch Now!

DISCOVER
OUR CASE
STUDY AND
SOLUTIONS
PAGE!



DIVE INTO SUCCESS STORIES

Explore real-life examples of how we've partnered with clients to overcome obstacles and achieve remarkable results. Get valuable insights and ideas for your own business endeavours!

TAILORED SOLUTIONS FOR YOU

Are you looking for solutions to your specific business needs? There is no need to look any further! Our Solutions page offers a range of tailored options to streamline operations, enhance

customer experience, boost productivity, and optimise your digital presence. We've got the answers you're looking for!

VISIT NOW

Ready to unlock your potential? Head over to our Case Study and Solutions page at to discover the path to success.



Empowering Humanitarian Connectivity

PTP450/PMP450

Cambium PTP450 is a high-performance Point-to-Point (PTP) wireless broadband solution designed for long-range connectivity. With features like high throughput, low latency, and robust security, the PTP450 ensures seamless communication for humanitarian organisations operating in remote or challenging environments. This solution is ideal for establishing reliable links between base stations, repeater stations, or remote sites, enhancing communication capabilities in disaster response and emergency situations.

Cambium PMP450 is a Point-to-Multipoint (PMP) wireless broadband solution that offers scalable and flexible connectivity for multiple endpoints. With features like high capacity, GPS synchronisation, and interference mitigation, the PMP450 is suitable for establishing communication networks in humanitarian settings where multiple connections are required. This solution enables efficient data transmission, voice communication, and video streaming, enhancing coordination and collaboration among teams in the field.



PTP670

Cambium PTP670, a high-performance Point-to-Point (PTP) wireless broadband solution designed for the humanitarian vertical, providing reliable and efficient connectivity in critical operations. The Cambium PTP670 operates in the 4.9 to 6.05 GHz frequency range, offering multi-band flexibility in a single radio and supporting channel sizes from 5 to 45 MHz. This solution combines best-in-class spectral efficiency and reliability with high-capacity multipoint (HCMP) deployment flexibility, allowing for up to 450 Mbps aggregate throughput to handle today's communication needs effectively.

Wi-Fi ACCESS POINTS

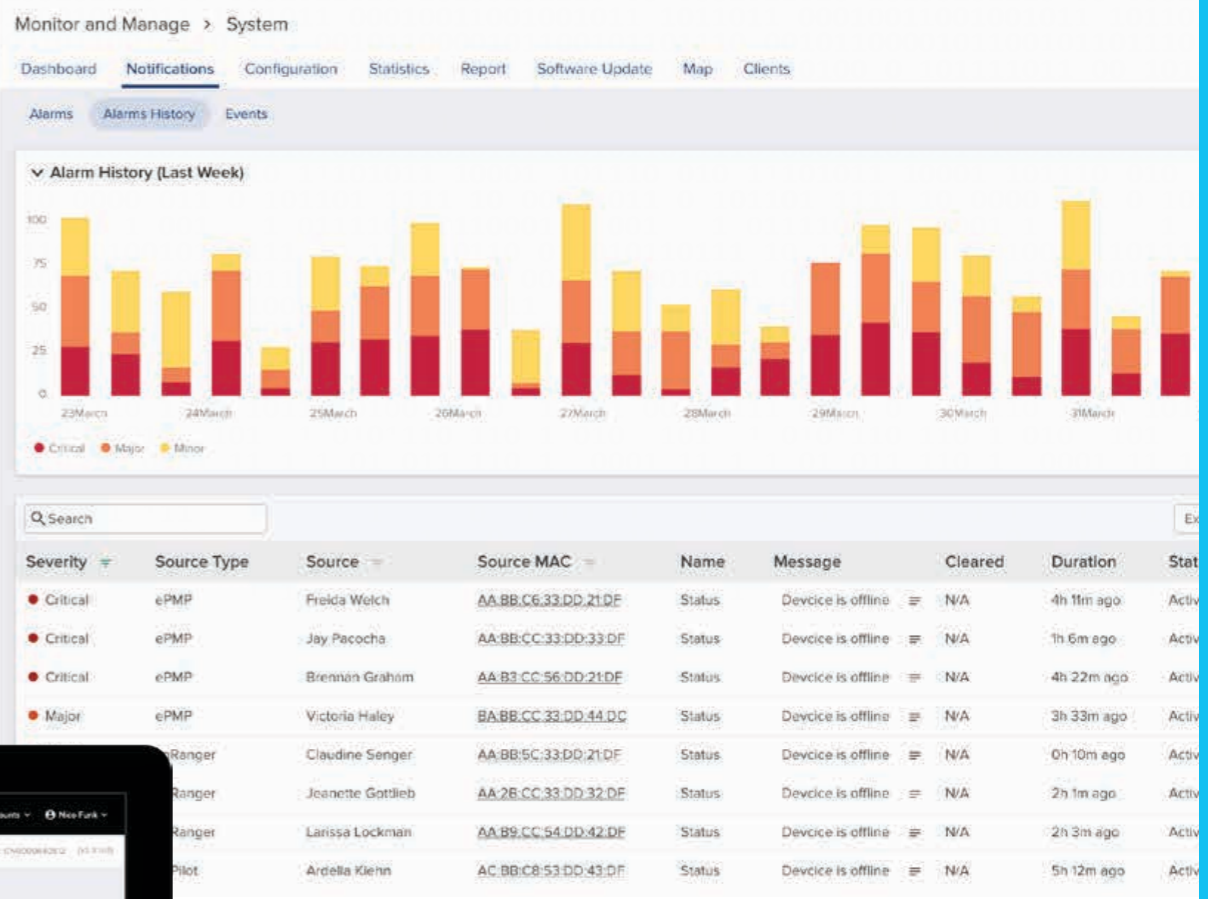
Cambium Wi-Fi Access Points providing reliable connectivity in critical operations. One of the featured products is the Cambium XV2-2X Wi-Fi 6 Indoor Access Point, designed to deliver next-generation networks with edge services at a value-based price. This dual-radio AP supports Wi-Fi 6 technology, offering higher network speeds, more connected devices, and improved packet quality. It ensures a deterministic model at the RF layer, controlling client connections for optimised performance. The XV2-2X is fully backward compatible with existing Wi-Fi technology and enables the growth of low-power IoT devices, adding intelligence to various markets.



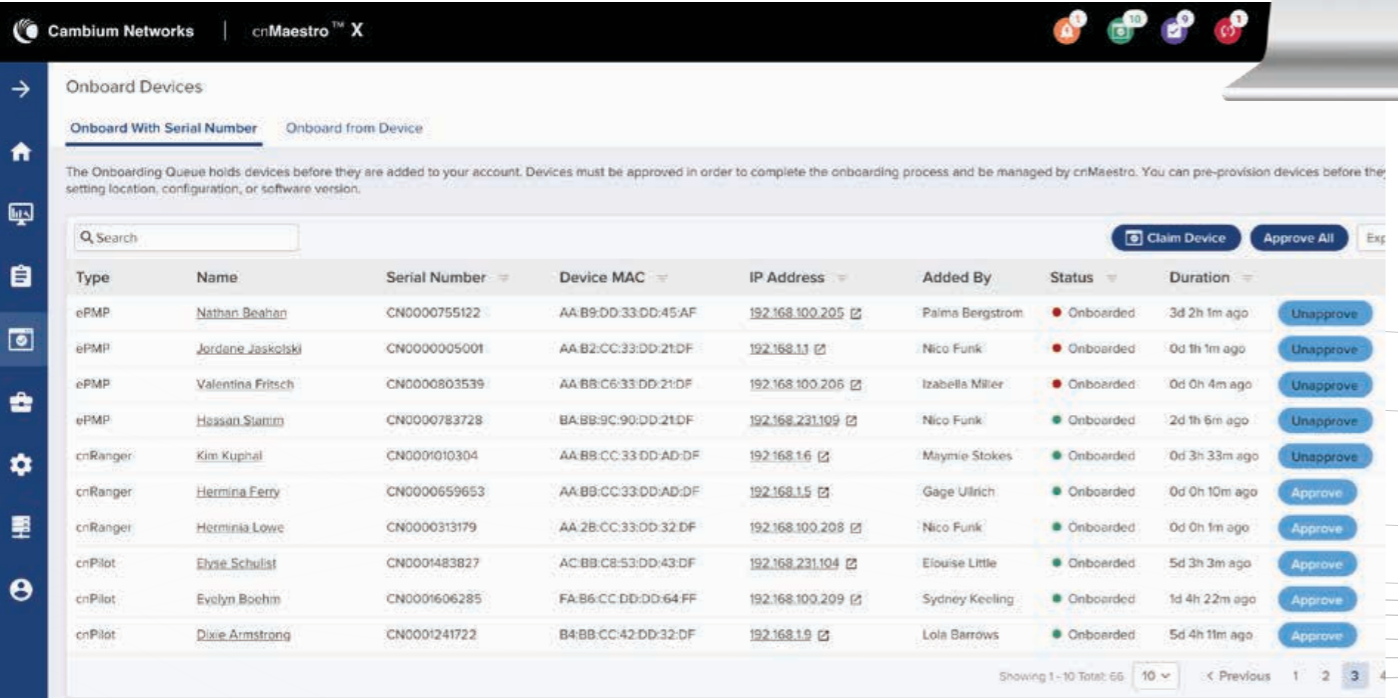
A Powerful Network Management System

Cambium CnMaestro, a powerful network management system providing comprehensive control and monitoring capabilities for communication networks in critical operations. CnMaestro platform enables centralised management of Cambium Networks devices, including access points, subscriber modules, and switches, allowing for efficient configuration, monitoring, and troubleshooting of network infrastructure. This solution is essential for humanitarian organisations operating in challenging environments, offering real-time visibility and control over network performance to ensure seamless connectivity and operational efficiency.

- » Centralised Management: CnMaestro provides a single pane of glass for managing Cambium Networks devices, simplifying network operations, and reducing management complexity.
- » Configuration and Monitoring: The platform allows for easy configuration of network settings, monitoring of device performance,



- and troubleshooting of connectivity issues, ensuring optimal network functionality.
- » Security and Compliance: CnMaestro offers robust security features to protect network infrastructure, including user authentication, role-based access control, and compliance monitoring to safeguard sensitive data and ensure regulatory compliance.
- » Scalability and Flexibility: The platform is scalable to support networks of all sizes, from small deployments to large-scale operations, and offers flexibility to adapt to evolving communication needs in humanitarian missions.
- » Remote Management: With remote management capabilities, CnMaestro enables administrators to monitor and manage network devices from anywhere, facilitating quick response to network issues and ensuring continuous connectivity in the field.



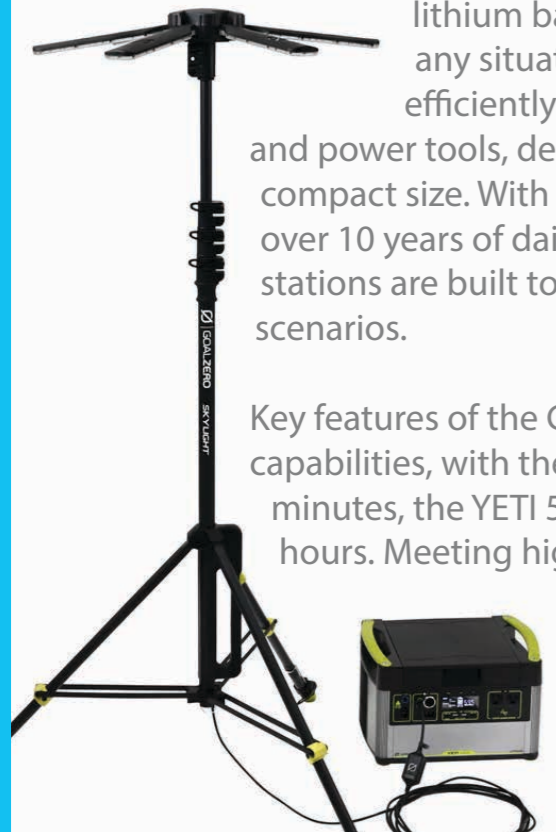


Empowering Operations with Goal Zero and Victron Energy Solutions

GOAL ZERO YETI

Explore the GOAL ZERO YETI line of products, designed to elevate power solutions for the humanitarian vertical. This range includes YETI 300, YETI 500, and YETI 700 power stations, featuring upgraded lithium batteries for extended lifespan and durability in any situation. These compact yet powerful stations can efficiently run portable fridges, air pumps, pellet grills, and power tools, delivering exceptional power output despite their compact size. With advanced LiFePO4 battery technology ensuring over 10 years of daily use and a 4000+ cycle lifespan, these power stations are built to last and provide reliable power in critical scenarios.

Key features of the GOAL ZERO YETI line include fast charging capabilities, with the YETI 300 charging from 0% to 100% in just 50 minutes, the YETI 500 in 90 minutes, and the YETI 700 in under two hours. Meeting high standards for UL2743 and IPX4 certifications, these power stations are designed to withstand extreme conditions and offer exceptional build quality and functionality in all environments.



GOAL ZERO BOULDER

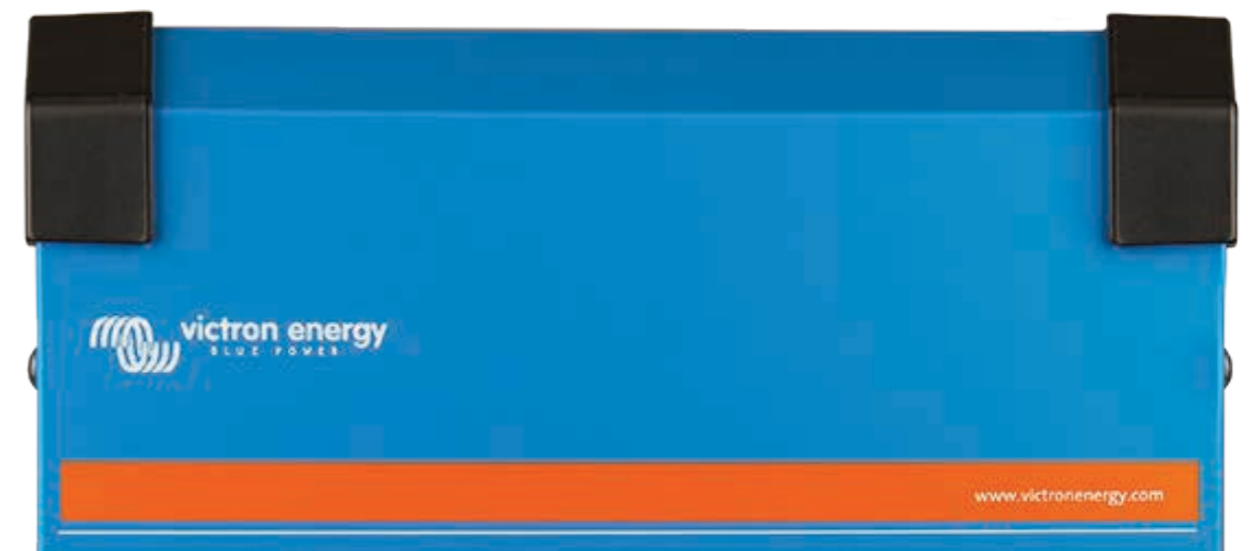
Discover the innovative GOAL ZERO BOULDER line of products, specifically designed to cater to the humanitarian vertical with a focus on providing reliable and sustainable power solutions. The BOULDER series comprises rugged and durable solar panels built with strong tempered glass and aluminium frames, ensuring longevity and performance in challenging environments. These panels are equipped with added corner protection and an integrated kickstand for optimal sun exposure, making them ideal for off-grid scenarios and emergency response situations where power sources may be limited.

The BOULDER 100 Briefcase Solar Panel is a standout product in the line, composed of two Boulder 50 Solar Panels (one hundred watts total) connected by a hinge, providing a portable and efficient power solution. This solar panel is designed for multi-functional use, featuring an IP67 rating for durability and waterproofing, making it suitable for various outdoor applications. Additionally, the Boulder 100 Briefcase comes with a protective canvas bag for easy carrying, ensuring convenience and portability in missions and disaster relief efforts.

VICTRON – SOLAR SOLUTIONS

Solar Solutions by Victron Energy provide essential and sustainable power solutions for critical operations. These solar solutions encompass a comprehensive selection of products including solar panels, charge controllers, batteries, and inverters, meticulously designed to power up repeater stations, base stations, and other communication systems in field settings where electrical power may be unreliable or non-existent.

The Victron Energy solar panels feature robust construction with tempered glass and aluminium frames, ensuring durability and performance in challenging environments. Available in various wattages, these panels are easy to assemble and use, making them ideal for off-grid scenarios and emergency response situations where reliable power sources are crucial. Complementing the panels are Victron Energy's MPPT and PWM solar charge controllers like the BlueSolar and SmartSolar models, optimising solar energy conversion efficiency to charge batteries effectively and maintain a steady power supply in missions.





Genasys Inc. supports with Innovative Communications Solutions

LRAD systems are advanced communication devices designed for clear communication and emergency notification. These systems are highly useful as they provide reliable and effective communication during disaster relief and emergency situations. LRAD systems have been used in various applications, including public safety, defense, and emergency management.

Genasys's LRAD 100X is a self-contained, portable communication system ideal for on-scene and tactical communication, providing unparalleled vocal clarity. The LRAD 100X MAG-HS Kit includes a mount with high-strength magnets and a wireless kit for remote operation, making it a versatile solution for various applications.



KEY FEATURES LRAD 100X

- » Communicate out to 600m
- » Voice amplification and alert mode
- » Portable and lightweight
- » Long-range communication
- » All-Weather use
- » 8- hour battery



For mass notification, the 360XT is a mobile system that delivers highly intelligible voice and warning tone broadcasts with full-spectrum audio clarity, ensuring effective communication in any situation. The LRAD 450XL offers the audio output of larger acoustic hailers in a smaller, lightweight package, while the DS-60XL provides focused sound in a small form factor for customising audio dispersion patterns.

LRAD systems are designed to deliver clear and effective communication in various situations, making them highly useful during disaster relief and emergency situations.

KEY FEATURES 360XT

- » Mobile voice mass notification system
- » Effective nearfield of approximately 8m
- » Targeted "beam" of sound up to 160 dB
- » Voice amplification and alert modes
- » Used for crowd control and emergency situations

