



TACTICAL COMMUNICATION HEARING PROTECTION



Rally Point
Tactical

FOR MORE INFORMATION CONTACT:

B. E. (Buck) Buchanan, Jr.

Director, Military Sales

Cell: (910)787-3412

Email: bbuchanan@rptactical.com



Bridging the Gap

between the mounted and dismounted soldier

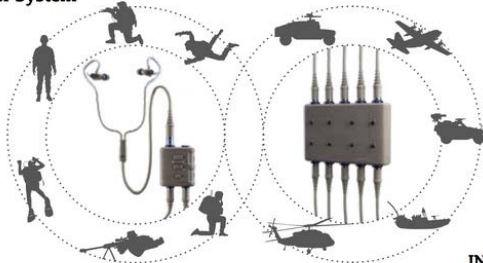
INVISIO Intercom is a game changer for the communication ability for soldiers.

The INVISIO Intercom System bridges the gap between the mounted and dismounted soldier, making it possible for multiple users and radios to connect simultaneously using their existing dismounted soldier system. The soldier can access all vehicle communications directly from his INVISIO control unit. There is no need for the soldier to take off or put on equipment when entering or exiting a vehicle. This allows for a safe and seamless inter-group

communication and connection to the vehicle intercom system.

Any vehicle communications platform is easily integrated with minimal effort. The system is lightweight, plug and play and unparalleled in size, letting troops move anywhere while maintaining their communications. The INVISIO Intercom System allows seamless transitions between land, sea and air assets with maintaining hearing protection and full situational awareness at all times.

INVISIO
Soldier System



INVISIO
Intercom System

INVISIO Intercom Fixed On Boat

Team Leader and Boarding Party



Boat Crew



Team Members

Team Leader
Up to 10 Boarding Party

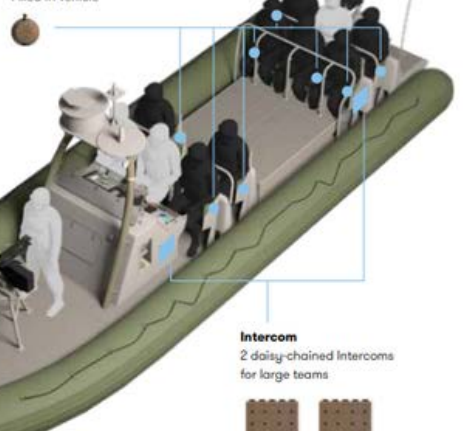
Boat Crew

1 Coxswain
1 Navigator
2 Gunners

Designed for maritime support

To ensure mission success INVISIO Intercom enables clear communication with boat crew, Fire Support together with Vessel and Central Command simultaneously. Mounted on the boat it facilitates clear communication and operates seamlessly with connected devices onboard. Submersible until 2 meters it can also withstand this harsh operating environment.

Volume Controls
Fixed in vehicle



Intercom
2 daisy-chained Intercoms
for large teams



Unique Mobility

Seamless Integration

Mount Anywhere

Connectivity



Customize your In-Vehicle Intercom System

The INVISIO Intercom System is highly customizable depending on the vehicle types, and the needs of the specific soldier connecting to the system. This includes customized user settings, customized cable lengths, and mounting attachments. Systems can also include the necessary control units, headsets, cables and accessories for the dismounted soldiers.

INVISIO Intercom Fixed in Vehicle

Team Leader and Team



Team Members

1 Team Leader
1 Driver
1 Gunner
2 Team

Easy to install and easy to use

Easy to mount in any vehicle with a minimum of effort. INVISIO Intercom offers a communication system that can be customized to multiple configurations depending on the size of the crew and their needs. In this example the team leader has full access to all connected communication devices, while the rest of the team have selected access to communication critical to their specific role.

Intercom
Fixed in vehicle



Volume Controls
Fixed in vehicle



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Seamless Integration

Intercom anywhere at anytime

The INVISIO Intercom is designed to bridge the gap between the dismounted and mounted soldier by seamless integration. Capable of connecting up to 4 combat net radios, and 5 users for internal voice communication, the Intercom provides clear communication in noisy environments. It is a small and light weight system that can be powered from a vehicle or common combat radio battery. The Intercom is a highly mobile system that can be carried on the go between vehicles, or fixed permanently in a vehicle.

INVISIO Intercom On The Go - Light Vehicles

Team Leader and Team



Team Members

- 1 Team Leader
- 1 Driver
- 2 Team

Anywhere and anytime

INVISIO brings intercom to all types of small, highly mobile and fast-moving ground platforms. The Intercom system allows communication between all team members and to access radios connected to the intercom device. Being small and lightweight the INVISIO Intercom fits perfectly in a back pack and can be powered via an external battery.

Intercom
On the go



Intercom Anywhere

Drop and deploy

INVISIO offers custom carry solutions for the INVISIO Intercom System. These packs include internal mounting plates for the Intercom, cutouts for cable routing, pouches for portable radios, devices, batteries and antennas etc.

INVISIO Intercom On The Go - Aircraft

Team Leader, JTAC and Team



Pilots, Gunners



Team Members

- 1 Team Leader
- 1 JTAC
- 4 Team

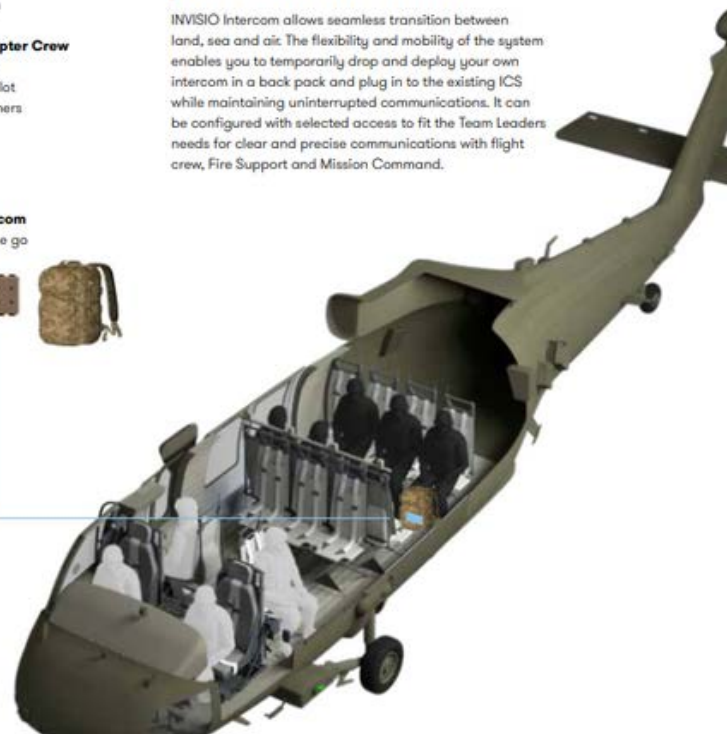
Helicopter Crew

- 1 Pilot
- 1 Co-Pilot
- 2 Gunners

Drop and deploy your own intercom

INVISIO Intercom allows seamless transition between land, sea and air. The flexibility and mobility of the system enables you to temporarily drop and deploy your own intercom in a back pack and plug in to the existing ICS while maintaining uninterrupted communications. It can be configured with selected access to fit the Team Leaders needs for clear and precise communications with flight crew, Fire Support and Mission Command.

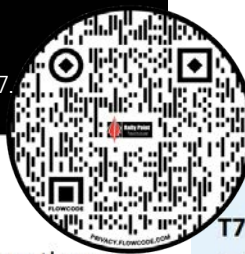
Intercom
On the go



INVISIO T7 Headset's Patent-Pending Technology

Submersible. Rugged. Comfortable.

Get to know T7.
Scan here.



INVISIO T7

Introduction

INVISIO's new T7 headset is a military-grade over-the-ear headset designed for use in extreme conditions. With interchangeable wearing styles, ergonomic ear cushions, 28dB of SNR hearing protection and total water protection, T7 provides a balance of versatility, comfort, safety, and ruggedness.

T7's speaker system includes:

- **Waterproof speaker membrane** that can withstand high water pressure
- **Breathable membrane** that allows air to be released
- **Secondary membrane** that allows the speaker membrane to operate by releasing audio pressure for high audio performance



Hear the difference of T5!
Scan Here.

INVISIO T5 Over-the-Ear Headset

Over-the-Ear Headset 1 Meter Submersible

Hearing Protection 24 dB SNR Dual Sided

Boom Microphone 360 Grams

INVISIO T5

The INVISIO T5 over-the-ear hearing protection headset is powered and controlled by an INVISIO control unit, making it easy to use and lightweight without the need of internal battery or buttons. With an on head weight of less than 360 grams, the INVISIO T5 significantly reduces the burden on the mounted or dismounted soldier whilst featuring industry leading situational awareness.

Lightest and simplest

tactical over-the-ear hearing protection headset.



Available Colors: ● ●

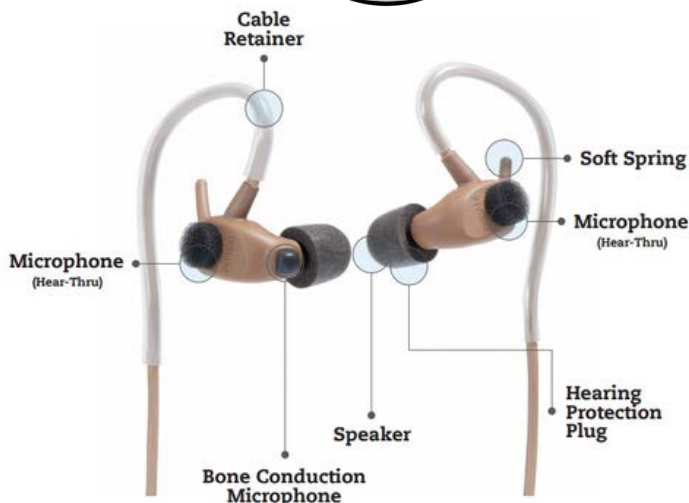


Neckband Version

INVISIO X5 Dual In-Ear Headset



Get to know X5.
Scan here.



In-Ear Headset 2 Meters Submersible

Hearing Protection 32 dB SNR/29 dB NRR Dual Sided

Bone Conduction Microphone 54 Grams

INVISIO X5

The INVISIO X5 in-ear headset is designed exclusively for INVISIO's range of advanced control units and is fundamental to the INVISIO hearing protection system. It is a dual sided in-ear hearing protection headset with state of the art external microphones for natural hear-thru and six sizes of exchangeable foam plugs for market leading hearing protection and comfort. The INVISIO X5 is the in-ear headset of choice for future soldier programs today. The headset is fully compatible with other INVISIO systems.

Market leading in-ear

hearing protection headset with natural situational awareness.



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3M

PELTOR™

TACTICAL COMMUNICATION



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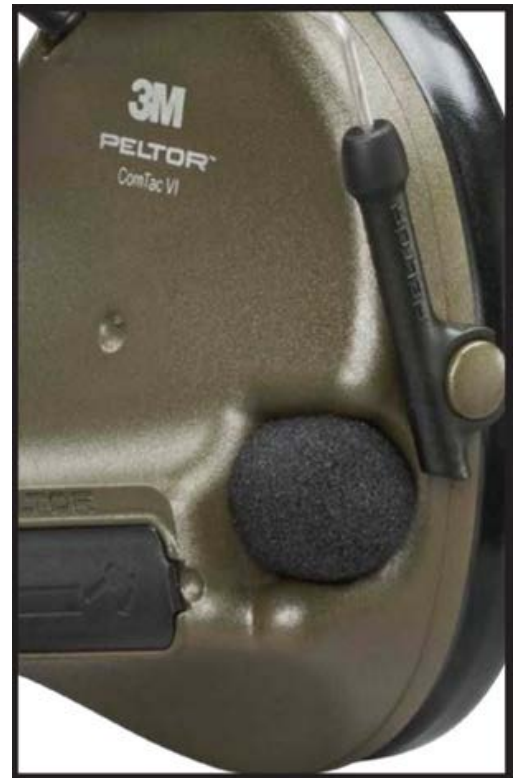
Email: bbuchanan@rptactical.com



PELTOR™

Hear the difference

3M™ PELTOR™ ComTac™ VI has new omni-directional microphones, high fidelity speakers, and a new digital signal processor that improves the overall sound quality of the headset.



Clear, natural

These improvements result in a more natural sounding headset with sound and voice clarity designed for combat and combat support operations in complex acoustical environments.

Hear and be heard

The transmit microphone has been redesigned and embedded with patented 3M closed cell foam and delivers improved noise cancelling transmission in high noise and wind while also improving dust and water ingress protection.



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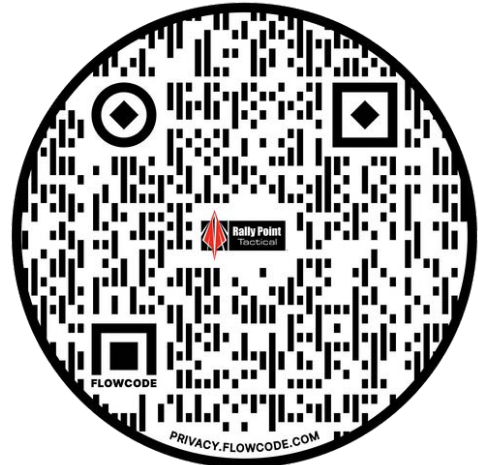


PELTOR™
Protection & Communication

ComTac™ 20
20 years of changing the game



3M™ PELTOR™ ComTac™ VI NIB and SWAT-TAC™ VI NIB Tactical Communication and Hearing Protection Headsets



Learn more about ComTac VII!
Scan here with any smart phone camera app.

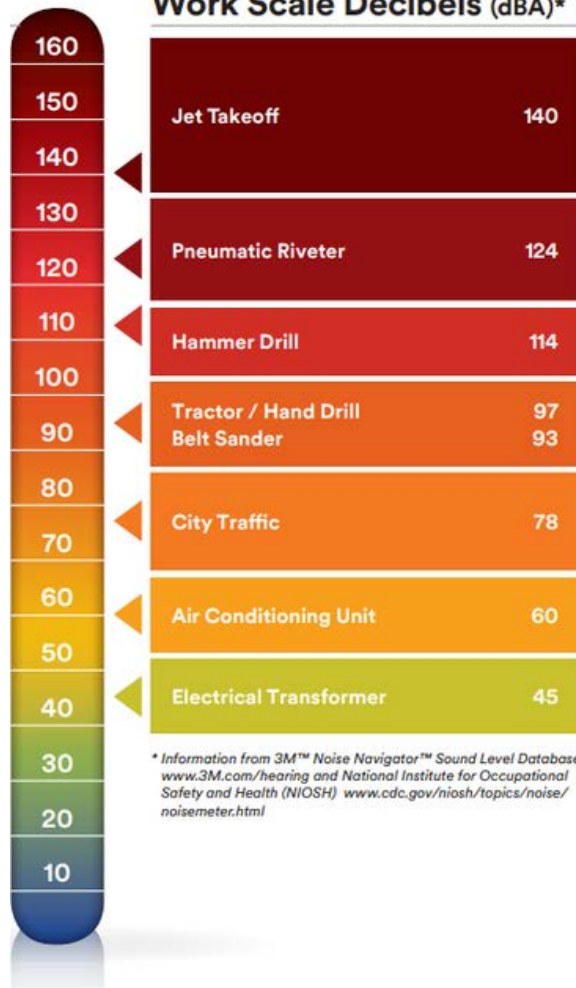


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Work Scale Decibels (dBA)*



3M™ PELTOR™ Earmuffs - X Series

The 3M™ PELTOR™ Earmuffs - X Series are available in headband and hard hat attached versions. With Noise Reduction Rating (NRR) values ranging from 21 to 31 dB, the X Series makes it easier than ever to match the attenuation of the earmuff with the noise exposure of the worker. When correctly selected and worn, these products help reduce exposure to hazardous levels of noise and loud sounds. The hard hat attached models are designed to fit securely into standard accessory slots, such as those on the 3M™ H700 Series hard hats.



3M™ PELTOR™ Earmuffs X1-X3

New & Improved 3M™ PELTOR™ Earmuffs — Now with electrically-insulated models in hard hat attached and over-the-head styles to meet the needs of an extensive range of industrial applications.



NRR 22 dB*



NRR 21 dB*

X1

Ultra slim earmuffs for low noise environments



NRR 24 dB*



NRR 24 dB*

X2

Lightweight earmuffs for low - moderate noise environments



NRR 28 dB*



NRR 25 dB*

X3

High protection earmuffs for moderate - high noise environments

3M™ Earmuffs

3M™ PELTOR™ Earmuffs X4

The X4 combines high attenuation with a sleek, low-profile and lightweight design. The innovative foam earcup inserts and spacers help boost attenuation while adding little bulk or weight.

- ▶ Lighter and smaller cup profile than the X3 with nearly the same level of attenuation
- ▶ Electrically-insulated models available in over-the-head and hard hat-attached styles
- ▶ High level of protection without all the bulk
- ▶ Innovative foams and proprietary high density, slow recovery 3M™ E-A-R™ foam ear cushion helps create high levels of comfort and attenuation
- ▶ Bright yellow-green color cups help employers verify hearing protectors are being worn



3M™ PELTOR™ Earmuffs X5

For very high noise situations, no earmuffs in the market today offer a higher Noise Reduction Rating (NRR) than X5. The high attenuation provided by these earmuffs is a result of the combination of specially-formulated foam in the earcups and cushions and the innovative spacer and cup design.

- ▶ High attenuation, NRR 31 dB* in both headband and hard hat-attached models
- ▶ Electrically-insulated models available in over-the-head and hard hat attached styles
- ▶ Twin headband design helps reduce heat buildup with good fit and balance
- ▶ Combination of new technologies allows for more room inside the earcup, helping provide a more comfortable fit over a wide range of ear sizes

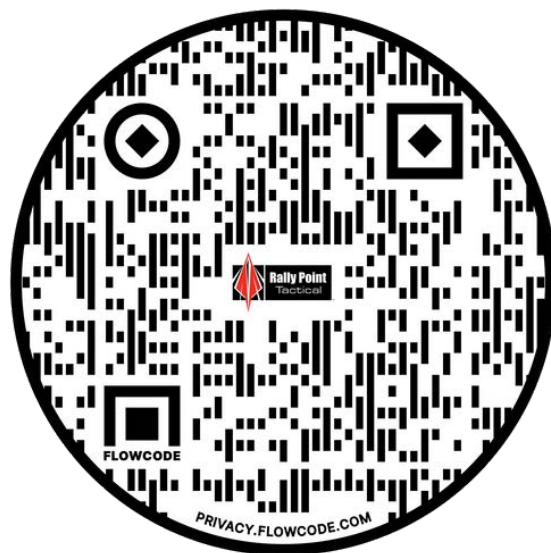


3M™ PELTOR™ H31 Earmuffs

The earmuff is ultra light and features bright orange cups for added visibility. This versatile, over-the-head earmuff has a stainless steel headband that resists bending and warping. The earcups help provide comfort with pivot points that tilt for enhanced adjustability. The ear cup is designed with a thinner profile at the top of the cup to help improve the fit with other personal protection equipment like hard hats.

Hard Hat Attached

Hygiene Kit



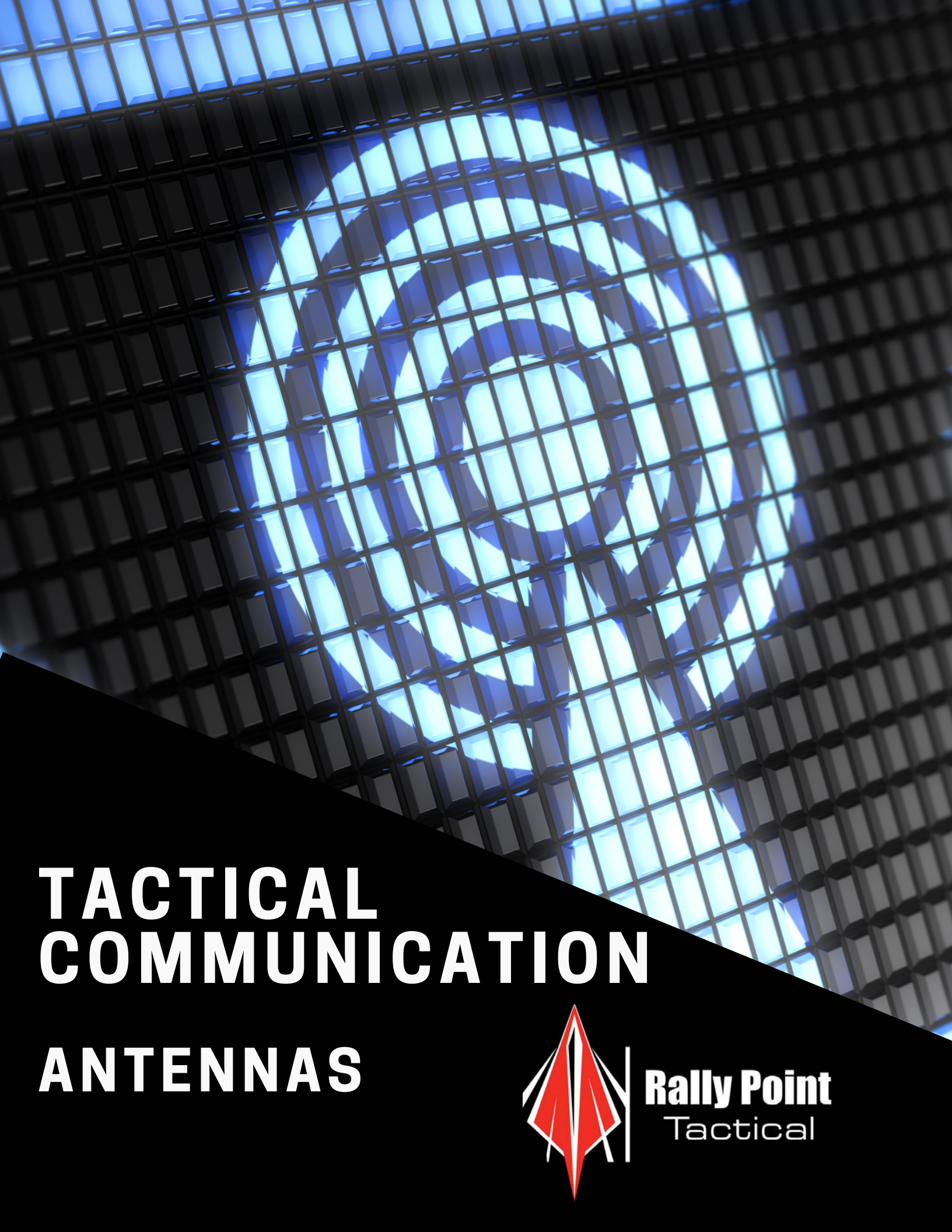
See the full line of 3M Hearing Protection.
Scan here with any smart phone camera app.



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**TACTICAL
COMMUNICATION
ANTENNAS**



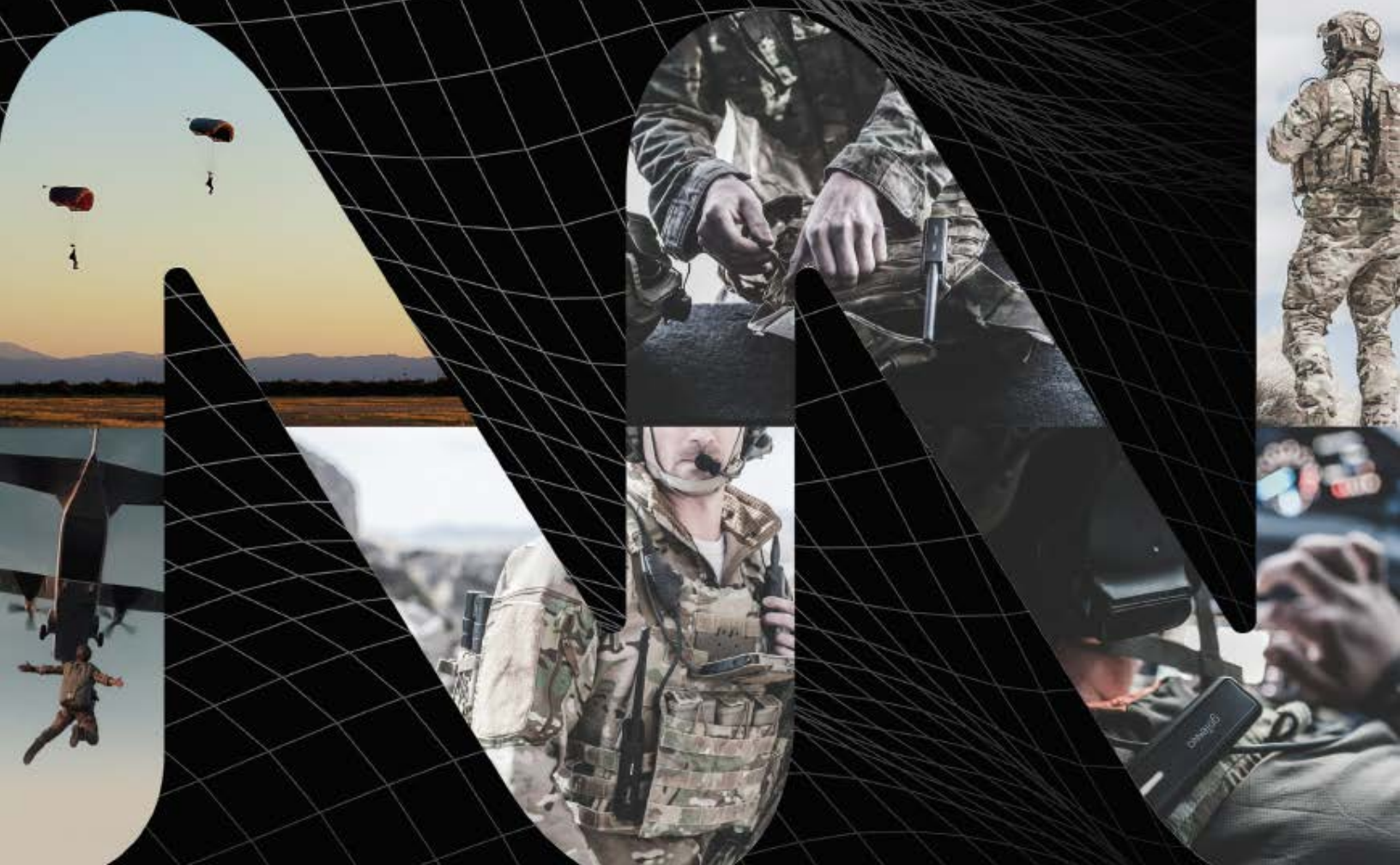
Rally Point
Tactical



goTenna PRO

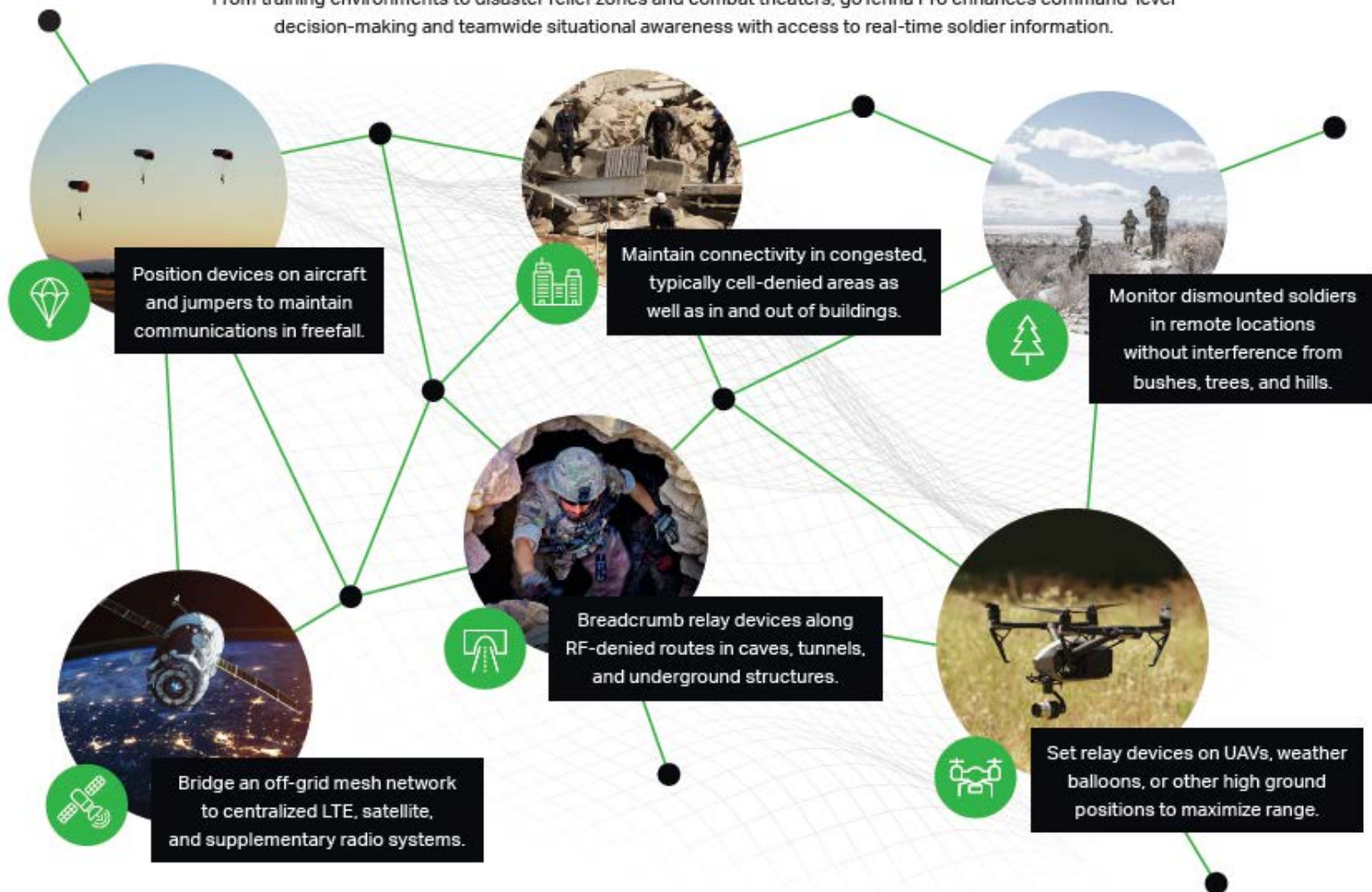
DEFENSE CAPABILITIES

OFF-THE-GRID CONNECTIVITY SOLUTIONS



EXTEND THE EDGE OF CONNECTIVITY

From training environments to disaster relief zones and combat theaters, goTenna Pro enhances command-level decision-making and teamwide situational awareness with access to real-time soldier information.



"THE GOTENNA IS ACTUALLY A GREAT SOLUTION. IT'S REALLY EASY AND INTUITIVE TO FIGURE OUT HOW TO USE WITH ATAK... I WAS REALLY PLEASANTLY SURPRISED AT HOW WELL IT PERFORMS OVER DISTANCE AND HOW IT GIVES US REAL QUICK, REAL-TIME FEEDBACK ON EACH OTHER."

MARTIN RHETT, INSTRUCTOR
CPS TACTICAL TRAINING FACILITY



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Watch GoTenna in action.
Scan here with any smart
phone camera app.



TOTAL TEAM AWARENESS IN ANY SITUATION

Today's battlespace is increasingly mobile — but access to situational awareness applications like ATAK typically ends when the connection to a centralized network is lost. goTenna Pro equips every team and every soldier, at all levels, with fully off-grid mesh networking capabilities so they can stay agile and informed throughout the entire mission.

A MOBILE MESH NETWORKING PLATFORM BUILT FOR THE MODERN TACTICAL OPERATOR

GOTENNA PRO X DEPLOYMENT KIT

A compact and ruggedized software application server, storage case, and power bank for up to 30 Pro X radio devices.



GOTENNA PRO X

A 5-watt, tunable VHF/UHF mesh networking radio device that weighs less than 3oz.

SITUATIONAL AWARENESS APPS

Native and compatible software applications maintain functionality for PLI updates, map marking, and text-based messaging when paired to goTenna devices.



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Tactical

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COMM'S UP!



SETUP TO **TRANSMIT** IN LESS THAN **8 MINUTES** WITH
THE "WOLF" **HF** ANTENNA SYSTEM
BROUGHT TO YOU BY **RALLY POINT TACTICAL**

SET UP AND
TEAR DOWN
**BEFORE
ANYONE
KNOWS YOU
WERE THERE**

ROLL-A-TUBE
TECHNOLOGY GOES
FROM COLLAPSED
ROLL TO RIGID
ANTENNA IN
SECONDS

LIGHT!
ONE
PERSON
CAN
CARRY
YOUR HF
SOLUTION

ROLL-A-TUBE MAST
REPLACES
CUMBERSOME OE
POLES AND SL3



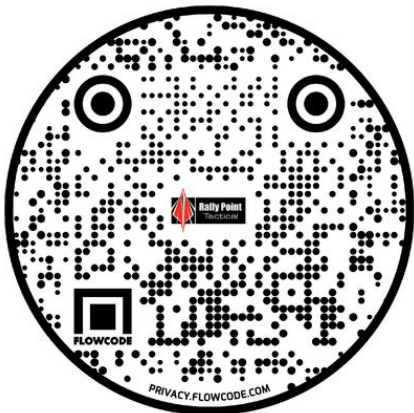
Rally Point
Tactical

Eliminate the Neer-Peer Threat

REQUIRES LESS PERSONEL TO SET UP
QUICKER SET-UP & TEAR DOWN
LIGHTER, SMALLER, FASTER
FULLY CUSTOMIZABLE



VS.



WATCH IT IN ACTION! SCAN QR
CODE WITH ANY SMARTPHONE
CAMERA



2-30 MHz
Perfect for ALE
NVIS Broadband / Wideband
Folded Dipole Design
Direct Replacement for OE-254



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B. E. (BUCK) BUCHANAN, JR.

DIRECTOR, MILITARY SALES

CELL: (910)787-3412

EMAIL: BBUCHANAN@RPTACTICAL.COM

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Rally Point
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PRESENTS

BLUE SKY MAST[®]

elevating solutionsSM



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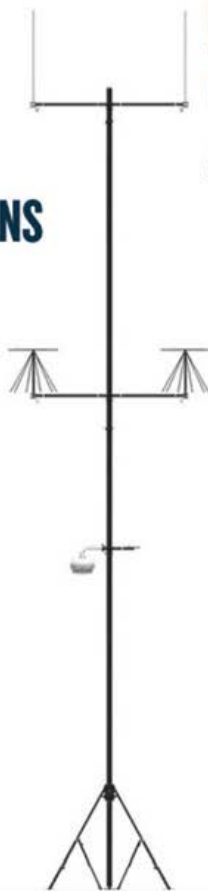
ONE MAST INFINITE CONFIGURATIONS

AL350G LIFT SERIES



N.I.E 12.2
Multiple Antenna
Configurations

MILITARY RF COMMUNICATIONS



N.I.E 14.2
WIN-T INC 1 (TNT) Tactical
Network Transmission

4G LTE / CELLULAR



N.I.E 14.2
WIN-T INC 1 (TNT) Tactical
Network Transmission

WIRELESS DATA COMMUNICATIONS



Specifications:

Model Heights Available:	8 to 15 meters (28 to 49 ft)
Payload Capacity:	75 to 145 lbs.*
Wind Loading:	90 mph
Deployment Time:	30 to 45 minutes
Outside Diameter:	3.5 inches
Testing:	MIL-STD-810G
Transport:	(2) 62x21x14.5 Hard Cases

Primary Use:

Military RF Communications

PTP / Wireless Data

4G LTE / Cellular

Video Surveillance



Fast Mechanical Lift System

Blue Sky Mast is an advanced solution for all of your elevation needs. With a wide range of heights, weight capacity, and accessories, Blue Sky Mast can elevate your C4ISR capabilities to the next level.



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Rally Point
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PRESENTS

TACTICAL COMMUNICATION

UHF / SATCOM

UHF243380S

UHF (MUOS) SATCOM VEHICLE ANTENNA



Description:

- UHF SATCOM 243-380 MHz covers -
UFO Waveform 292-318/243-270 MHz
MUOS 300-320/360-380 MHz
- Hemispherical coverage
- Good gain at low elevation
- Minimum VSWR losses
- Removable radiating element from base assembly
- Optional bases available including L1 and L1/L2 GPS

Mechanical Specifications:

Design	Helical radiating element fully enclosed in a GRP radome. Mounted on a standard Comrod NATO 4-hole base
Length	NTR Rigid Base - 660 mm (26 in) NTR Rigid GPS Base - 824 mm (32.5 in)
Weight	Antenna Element 3.1 kg (6.8 lbs) NTR Rigid Base 0.9 kg (2 lbs) NTR Rigid GPS Base 2.4 kg (5.3 lbs)
Wind rating	55 m/s = 125 mph
Finish	Polyurethane lacquer, Tan. Black base. Other colours on request (see page 2)
Temperature range	-55 °C, +71 °C; -67 °F, +160 °F

Electrical Specifications:

Frequency range	243-320 MHz 360-380 MHz
VSWR	< 2:1
Nominal impedance	50 ohm
Power rating	60 W CW
Gain	4dBi Nominal
Radiation pattern	Azimuth: Omnidirectional ±1.5 dB Elevation: See plots
Polarization	Right Hand Circular Polarization (RHCP)
Connector	N type female, others on request

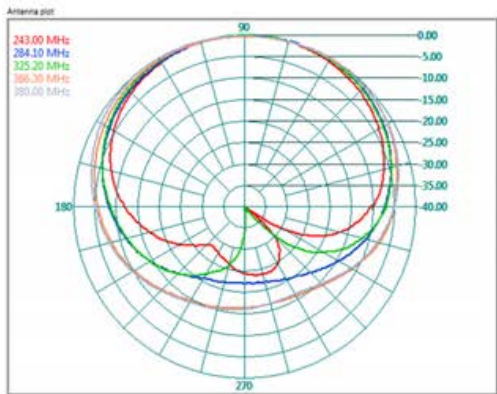


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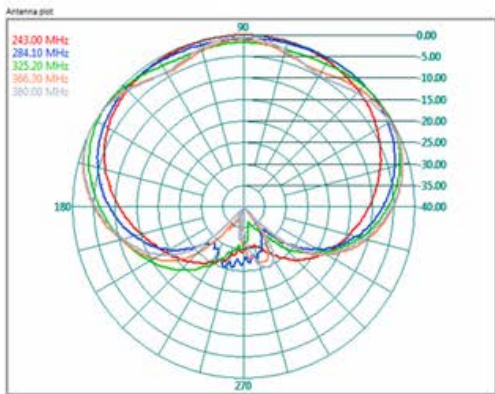
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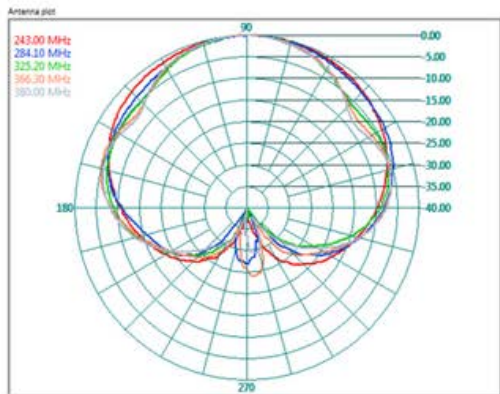
Typical Elevation Patterns



No Groundplane



Groundplane and NTR Rigid Base



Groundplane and NTR GPS Base

Mounting base options



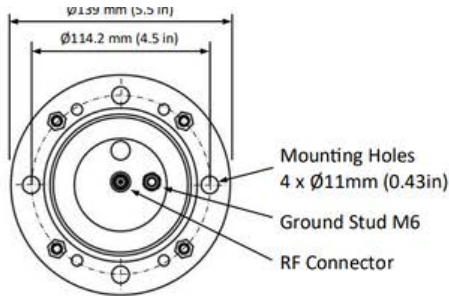
New Vehicle ?

The UHF243380S gives your new and existing vehicles UHF capabilities.

Make sure the warfighter can communicate efficiently across all available spectrum.



Radiating element to base mounting thread (Comrod CEF type)



NTR base mounting details

GPS Electrical Specification (option)

	L1 GPS	L1/L2 GPS
Frequency Band	1575.42 ± 10 MHz	1227.60 ± 10 MHz 1575.42 ± 10 MHz
Power Supply	2.7-5.5 V @ <60mA, + centre	2.7-5.5 V @ <60mA, + centre
Amplifier Gain	25 dB, GPS	25 dB, GPS
Pre-amplifier	26.5 dB @ 5 V	26.5 dB @ 5 V
Noise Figure	2.5 dB	2.5 dB
Polarization	RHCP	RHCP



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UNIQUE SUPPORT FOR UNIQUE MISSIONS

CUSTOM SOLUTIONS

ANY PART. ANY ITEM.

MILITARY ACQUISITION SPECIALISTS

RALLY POINT TACTICAL GETS YOU THE EQUIPMENT YOU
NEED EXPEDIENTLY AND EFFICIENTLY WHILE PROVIDING
THE BEST CUSTOMER SERVICE

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