



# TACTICAL COMMUNICATION SOLUTION

**Hytera**   
Respond & Achieve

# TACTICAL COMMUNICATION SOLUTION

## Fast Frequency Selection

85% link setup success throughout the day.

## Covert communication

Remote control function to separate operator and the radio and cover for the command center.

## Versatile antenna types

Supporting versatile Antennas, such as Whip, NVIS, Dipole or Broadband Antenna, etc.

## Flexible and reliable

IP68 water-proof and dust-proof, ensuring proper operation after the device immersion into 5m water for 1hour.

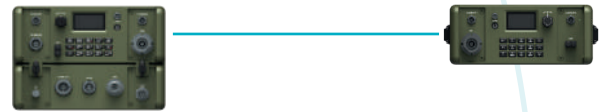
## Wartime Communication



Field cable(Twisted pair) / Max: 2km

Remote control function to save communication operator's life and covert for command center

## Daily Communication



Command Center / Optical Fiber (IP link)

## VHF: Advanced Waveforms: VRN & PRN

### Voice Relay Network(VRN)

- ▶ Extend voice communication distance
- ▶ Up to 6 hops relaying



### Packet Relay Network(PRN)

- ▶ Data transmission in battlefield up to 48kbps
- ▶ Ad hoc network with self-healing, self-forming, dynamic topology
- ▶ 6 hops in 32 network nodes at maximum



## VHF Radio Highlights

### Voice Relay Network(VRN)

- ▶ Extend voice communication distance
- ▶ Up to 6 hops relaying

### Minimum Essential Communication(MEC)

- ▶ Increasing the communication distance in 30%

### Anti-interference Technology:

- ▶ Frequency Hopping(FH)
- ▶ Free Channel Search(FCS)

### Compact Design and Long Duration

- ▶ 0.58Kg
- ▶ IP68 Protection for manpack radio
- ▶ IP67 Protection for vehicle-mounted radio
- ▶ 20H battery life in 1:1:8 mode