

**SPENDER**<sup>®</sup>  
The Perfect Two Way Radios

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TC-1H

IP RADIO NETWORK

IP RADIO NETWORK INTELLIGENCE  
"NO LIMIT DISTANCE"

**GENERAL SPECIFICATIONS**

|                                 |   |
|---------------------------------|---|
| GSM Bands                       | GSM : 900/ 1800MHz.   |
| UMTS Bands                      | CDMA2000 1X/VEDE0:BCo<br>WCDMA : B1                           |
| LTE Bands                       | TDSCDMA : B34/B39<br>TDD LTE : B38/B39/B40/B41<br>FTE : B1/B3 |
| Operation Temperature           | -20°C ~ +60°C   |
| Operation Voltage               | 3.7~4.2V  |
| Battery Capacity                | 4000mAh Li-ion Battery  |
| SIM Card Size                   | Standard SIM Card Interface                                   |
| Battery Life                    | 20hour/ 26 hour about   |
| Weight (With Antenna & Battery) | 146g/ 163g  |
| Dimension (H x W x D)           | 102 x 52 x 23 mm  |
| Antenna Impedance               | 50  |
| RF Power Output                 | 24~33dBm  |
| Sensitivity                     | -107~-109dBm  |
| Audio Power Output              | 750mW   |
| Audio Distortion                | <5%   |

**ACCESSORIES**



SPB-1H  
Battery



AT-1H  
Antenna



ADP-1H  
Adaptor + USB Cable



CH-1H  
Charger



BC-1H  
Belt Clip



HS-1H  
Hand Strap

- PUSH TO TALK OVER CELLULAR SYSTEM
- SMART CALL MANAGEMENT
- LOCATION TRACKING REPORT



Customer Service

T.C. TECHNOLOGY & CONSUMER CO.,LTD.

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Open : Monday - Saturday 08:00AM - 05:00PM

Close : Sunday and Public Holiday

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**2** YEARS  
WARRANTY

# Instant Communication Over Cellular Network (IP Radio Network)

The TC-1H provides wide area communication using cellular network and instant communication. Individual call, Group call or All call can be made the same way as a conventional two-way radio

## Flexible with audio quality

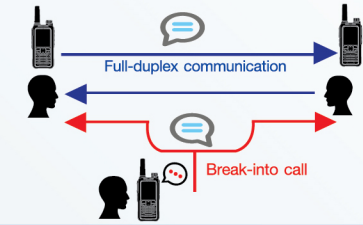
The TC-1H supports group calls with three or more people. In case of an emergency, you can break into an on-going call to transmit an important message.

## Multiple User Communication

Multiple users in the system can initiate call respectively. There are no requirement to check or wait for channel availability.

## Priority Interrupt Communicate

TC-1H 's enables outdoor and ordinary mode to keep communication in any environment.



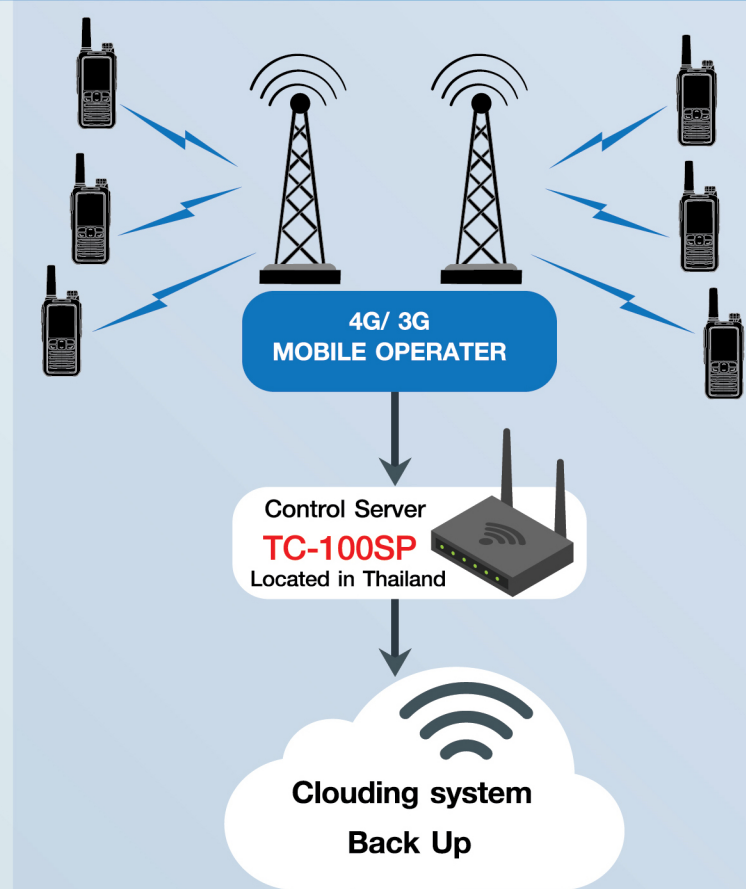
**TC-1H  
IP RADIO NETWORK**

**Actual Size**

## Communication throughout the Coverage By Cellular

Using a cellular network, the TC-1H can provides stable network connection and wide area communication throughout the coverage area of the network.

The TC-1H does not require its own repeaters or IP network which reduce the cost of building and maintaining a wide area radio network.



Spender TC-1H has design under concept "No Limit Distance using Experience" Even Branch manager, Logistic company, TAXI system, organizer or whoever have a problem with distance signal, it compatible.

## Industry Leading Compact and Lightweight Body

Compact 60 x 110 x 30 mm, and 240g. (approximate) lightweight body, allows non-intrusive mobility and use. (with Battery pack and Antenna)

## FEATURES

- High Quality Audio and Vocoder
- Located client tracking report by Built in GPS (Google map Compatible)
- Light weight body
- Up to 200 Groups available
- General Power Bank supported.

