



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

**TC-1H**

IP RADIO NETWORK

IP RADIO NETWORK INTELLIGENCE  
"NO LIMIT DISTANCE"

**GENERAL SPECIFICATIONS**

GSM Bands	A : EDGE/GPRS/GSM : 1900/ 850MHz. B : EDGE/ GPRS/GSM : 1800/900MHz.
UMTS Bands	A : HSDPA/WCDMA : 1900/850MHz. B : HSDPA/WCDMA : 2100/900MHz.
Operation Temperature	-20°C ~ +60°C
Operation Voltage	3.7~4.2V
Battery Capacity	2800mAh/3800mAh 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
 PW-1H Micro USB Cable	 BC-1H Belt Clip	 HS-1H Hand Strap



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



Customer Service  
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Open : Monday - Saturday 08:00AM - 05:00PM  
Close : Sunday and Public Holiday

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# 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

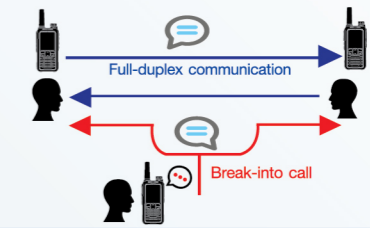
The TC-1H supports group calls with three or more people. In case of an emergency, you can break into an on-going call to transmit an important message.

## 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.

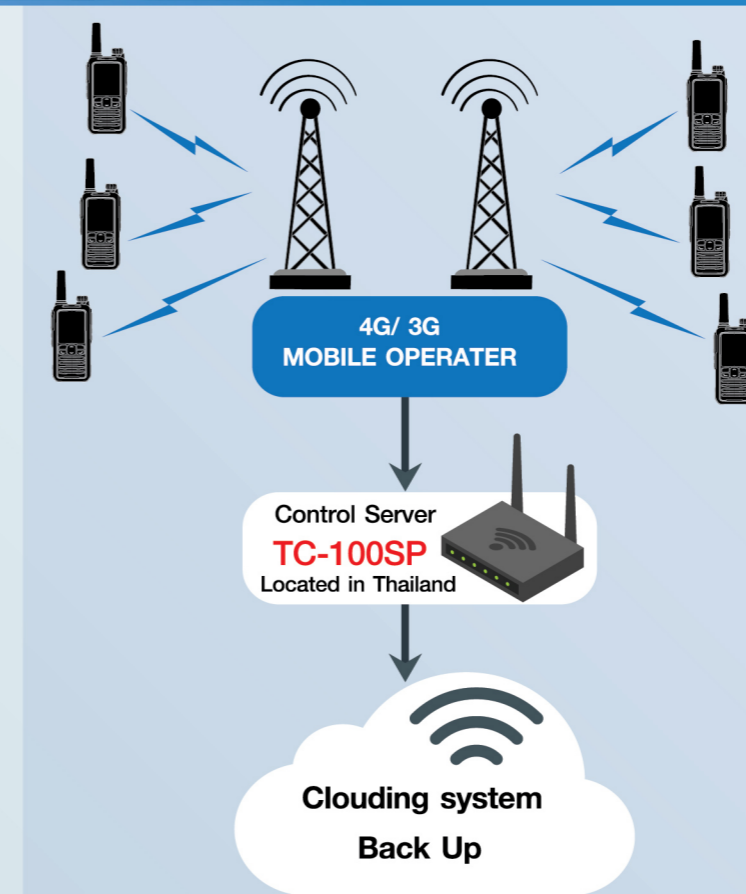


**TC-1H  
IP RADIO NETWORK**

**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.

