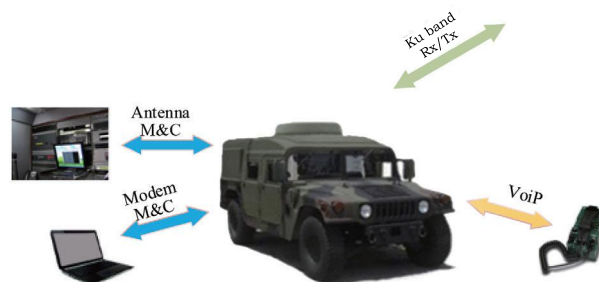


# Ku-COTM-0.6m-25W-SCPC



## Description

The COTM (Communication On The Move) system is one kind of emergency communication SITs to provide voice, video, image and data transmission with VSAT Hub Station or other SITs (under the condition of ground data exchange by routing & switching equipment of Hub Station) when the vehicle is moving with high-speed. The system can achieve data acquisition and transmission, communication support and on-site office functions under emergency communication conditions.



The COTM is composed of Ku frequency band satellite antenna, Ku band 25W-BUC and Ku band LNB, satellite modem and related accessories with a total weight of less than 80Kg.

Equipped with an interactive manual assisted graphic interface control, the COTM is designed for one man operation, typically requiring less than 3 minutes set-up time to satellite acquisition.

# Ku-COTM-0.6m-25W-SCPC

## Key Features

- Integrated, low cost design
- High-Bandwidth Voice, Video & Data Anywhere Worldwide
- Star Topology Architecture
- Total Terminal Weight less than 80kg
- Designed For Simple Operation

## Technical Specifications

<b>Satellite</b>	
Band Support	Ku band: Receive: 12.5-12.75GHz Transmit: 13.75GHz-14.0GHz
Antenna model	0.6m
Antenna form	Plate array antenna
Antenna Polarization	Orthogonal linear polarization - Ku
G/T	Ku = @ 12.63GHz.....13.96dB/K
ERIP	Ku - 25W BUC .....55.4 dBW
Tracking accuracy	0.2° (RMS)
Azimuth rotation range	360 continuous infinite rotation
Elevation rotation range	0° ~ 90°
Antenna model	Polarization rotation range
Antenna model	180°
The initial search time	≤3min
Lock catch again	Target missing 20 seconds within the instantaneous capture Target is lost within 20 minutes, and then caught less than 5S
<b>Mechanical</b>	
Size	115cmx30cm (diameter x height)
Antenna and RF Weight (0.6m)	≤80kg
Antenna model	0.6m
<b>Interfaces</b>	
Modem Support	SatTour725
Antenna model	AC Power Standard USB interface and 4 Ethernet ports (RJ-45, 100M/1000M self-adaption) Pinhole buttons
Control Interface	Support Web user access interface
<b>Power</b>	
AC100~240V, 50~60Hz	
<b>Environmental</b>	
Operating Temp.	Operating :-30 C ~ +55 C Storage :-35 C ~ +70 C