



**SUPARCO**  
BUSINESS SOLUTIONS



# COMMUNICATION ON THE PAUSE VIA GEO-SAT

**COT-P**



## Features

- Self sustained
- Modular Design Plug and play
- Adapted as per user needs
- Long term support & service
- Customized features possible



## Applications

- Broadcasting
- Video conferencing
- Disaster relief
- Voice Over IP (VOIP) Tele-medicine
- Tele-education
- Real-time data transfer



## Technical Specifications

- Mechanically switchable filters make system to cover full ku band.
- Compatible with PakSat-1R and PakSat-MM1

SET A	SET B
Transmit: 12.75-13.25 GHz	Transmit: 13.75-14.50 GHz
Receive: 10.7-11.45 GHz.	Receive: 10.95-12.75 GHz.
Polarization: Linear - orthogonal	Polarization: Linear - orthogonal

- Antenna Dia: 1.8 m\*
- Transmit Gain :  $\geq 45$  dBi (@ midband)
- Receive Gain :  $\geq 44$  dBi (@ midband)
- Azimuth range:  $\pm 180$
- Elevation range: 0 to 150
- (from stowed position) Polarization range:  $\pm 90$
- EIRP capability: 65 dBW\*
- G/T: 21 dB/K\*
- Video Quality: Std Definition / High Definition
- Data Capability: Multiple channels simultaneously\* Vehicle: ISUZU NPS 4x4\*
- Power: WAPDA line with back-up Generator Temperature controlled environment Washroom facility\*\*
- Sleeping area for two persons\*\*
- Capability to deploy in harsh environment

\*Can be customized

\*\*Option available for Truck based COT-P only

## Reach us:

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