

# Mobile Satellite Services Terminal

## Portable Multimedia Terminal

### Features

- Support video, voice and data communication between terminals
- Portable terminal
- QPSK Modulation
- Size: 400 x 200 x 55 mm
- Weight: 3.0 Kg



### Specifications

- 8 patch antenna having 15.5 dBi gain
- Terminal EIRP: 17.0 dBW at 2W power amplifier
- Terminal G/T: -9 dB/0K
- Data rate: 144 Kbps
- FEC: Convolution rate  $\frac{1}{2}$  / (Rate  $\frac{1}{2}$  Convolution + RS Code (112,126))
- Bandwidth required: 194.4 KHz
- Channel spacing: 200 KHz

### Major Applications

- Video-conferencing
- Two way IP based data-transfer
- Mobile Hot Spot
- IP Telephony

