TACTICAL SATCOMS
SATCOM ON THE MOVE

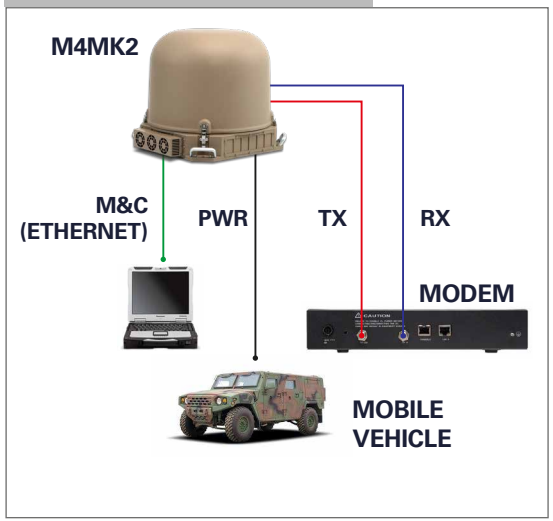
M4MK2-KU

STANDARD FEATURES

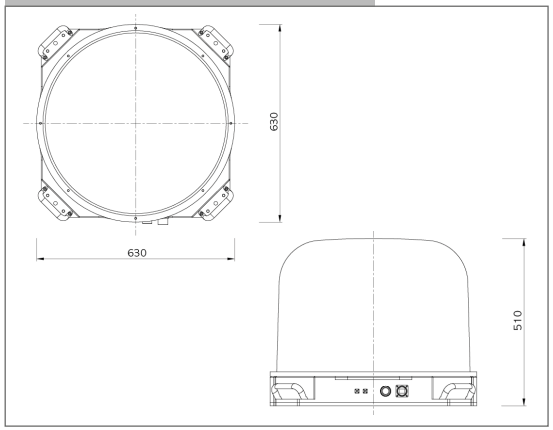
- 4 Axis Antenna Eliminating Key Hole Effect
- Antenna Controller, Receive Signal Strength Detector (RSSD), LNB, 25W BUC, Power Supply, All in one Radome
- Accurate Signal Acquisition by KNS's Distinctive Algorithm
- No heat accumulating structure for high temperature environments
- MIL-STD-461 Qualified

M4Mk2-KU

SYSTEM DIAGRAM



RADOME DRAWINGS



M4MK2-KU

Dish Diameter	45cm(18")
Antenna & Stabilizer Weight	60kg
Radome Size	63cm(W) x 68cm(L) x 58.5cm(H)
Frequency	TX : 13.75 ~ 14.5 GHz RX : 10.7 ~ 12.75 GHz
Antenna Gain	TX : 33.31 dBi @ 14.25GHz RX : 32.26 dBi @ 11.75GHz
L-band Frequency	950 ~ 2150 MHz
Polarization	Linear
Operating Platform	4-Axis (Azimuth, Elevation, Tilt, Skew)
Azimuth Angle	Unlimited
Elevation Angle	0° ~ +115°
Acquisition Time	≤ 30 sec.
Re-Acquisition Time	≤ 5 sec.
Operating Voltage	18 - 36V DC
Angular Velocity	Azimuth : 300deg/s, Elevation : 200deg/s
Angular Acceleration	Azimuth : 800deg/s², Elevation : 1000deg/s²
LNB	Universal 2LO PLL LNB
BUC	Built in 25W
Operating Temperature	-20°C ~ +55°C
Storage Temperature	-40°C ~ +70°C
Humidity	Up to 100% @40°C
Certification / Qualification	MIL- STD - 461F
Warranty	2 Year Parts Warranty, 1 Year Labor Warranty

*Specification is subject to change without notice

TACTICAL SATCOMS

SATCOM ON THE MOVE

KNS

M4 OTM Mk2

whenever,wherever

Revised Body structure

Web Interface Application

Enhaned Performance

M4Mk2-KU

FOR YOUR SUCCESSFUL OPERATION

In modern network-based battle circumstances, sharing of intelligence and communicating among the units are highly critical especially for widely spreaded ground force units. To acquire successful mission objectives, M4MK2 OTM system will be the most reliable partner of your campaign.

EVEN IN BATTLE CIRCUMSTANCES

In the harshest battle circumstances, M4MK2 OTM system with rugged housing has MIL-STD-461com-pliances, the M4MK2 can be the greatest communi-cation partner in harsh battlefield cirsumstances.

PROVIDING STABLE CONNECTION

To provide network stability, the M4MK2 hired 4 axis stabilization system with Receive Singnal Strength Detector (RSSD). In addition, the all in one compo-nents in one radome will provide efficient operation and easier maintenance.