

## Cellular & 4G LTE MIMO Antenna for Fixed M2M Networks



- **Compact and Easy to Set-up**
- **Pole or Wall Mount**
- **Integrated Groundplane**
- **Durable Construction**
- **Made-in-the-USA**

Mobile Mark offers a new fixed M2M antenna solution that combines a high-performance 4G LTE MIMO antenna with a sturdy mounting bracket for either pole or wall mounting.

The LTM301-PM Series antenna contain two identical antenna elements for true multiple-input-multiple-output performance. Each broadband antenna element covers 694-960 MHz with 3 dBi gain & 1710-2170 MHz with 4 dBi gain.

The antenna and heavy duty bracket are designed for quick and easy installation. Pole mounting with U-Bolts is standard, but the multi-function mounting bracket will also accommodate hose clamp mounting or wall mounting.

### Antenna & Mounting Bracket Specifications

Gain & Frequency	3 dBi, 694-960 MHz & 4 dBi, 1710-2170 MHz
Number of elements	Two identical antenna elements inside radome
Vertical beamwidth 694-960 MHz	80° elevation
Vertical beamwidth 1710-2700 MHz	70° elevation
Ground-plane	Integrated into antenna
Polarization	Linear
VSWR, Impedance	2:1 VSWR, 50 ohm nominal
Maximum power	10 Watts
Antenna dimensions	5.5" diameter x 2.38" high (140 mm x 60.4 mm)
Radome material	Luran S UV-Stable ASA
Color	White
Antenna cables (2)	15-feet (4.5m) RF-195
Antenna connectors (2)	SMA plug (male) standard, other options available
Operating temperature	-40° to +80°
Dust & Water ingress	IPx5
Mounting bracket material	Zinc-plated Steel
Mounting bracket dimension	6" (152 mm) diameter mounting platform
Antenna connectors	SMA plug (male) standard, other options available
Pole Mounting, standard	U-bolts supplied, poles up to 2 1/2" diam. (63.5 mm)
Pole Mounting, optional	Slots for optional 1/2" hose clamp (12.7 mm)
Wall Mounting, optional	Four mounting holes for up to 1/4" (6.4 mm) hardware
Model number, standard configuration	LTM301-PM-3C3C00-WHT-180