



## **RELIA CHAIN INC.**

### AIMING & TRACKING SYSTEM

RELC-50 4G delivers mechanical and electronically scanning wireless solutions for fixed, mobile, and/or nomadic environments. We uses directional LTE antennas to align, track, and optimize broadband 4G LTE links. The rare long-range LTE tracking solution for offshore applications. Enables network coverage for private and public LTE with a single system, adjustable with a configuration change, and available with automatic switchover. RELC-50 4GX also feature dual radio capability – enabling TX/RX on two radios to run different connections on one provider or split between two providers.

#### **System Overview**

- Mechanical Alignment Stabilization & Tracking System
- Antenna options cover 600MHz – 2700MHz (Custom antenna ranges available)
- 10-24dBi gain for entire frequency range, including 600MHz, 700MHz, band & 1800MHz – 2100MHz band etc.
- High-Gain Solution for Size 16dBi for RELC-50 4G /X
- Compatible with many radios from major manufacturers
- Configurable for both PTP and PMP applications
- Features Integrated Control Unit, no RMCU or HCU required
- Managed service available for creating LTE tower site maps, system configuration, and maintaining data service with provider.

<b>Specifications</b>	
PHYSICAL DIMENSIONS	27.5”*27.4” (single antenna) /44.5”*44.9”(dual antenna)
WEIGHT	45/75lbs.(est.)
ENVIRONMENTAL	Standardized to IP-56
OPERATING TEMP*	Standard:-40°C-65°C Optional:-50°C-65°C
OPERATING POWER	Peak: 100Watts Standby:10 Watts
PAN/TILT-AXIS RANGE	360° Continuous(PAN) ±20° (TILT)
MOUNTING	3”-4”Pole Mount(Required)
OPERATING VOLTAGE	DC:20-50VDC w/Auto(48V Nominal)
NETWORK PORTAS	(10/100 Mbps)