Location Recommendations

Gateway should be located such that it is:

- Mounted outdoors, with a mounting height of ≥ 20 feet.
- Centrally located among the outdoor lights to be controlled and < 500 feet to the closest nodes if possible. Distance to closest nodes should not exceed 1000 feet.
- Located ≥ 12 inches from structures and/or heavy foliage, with a clear line of sight to as many nodes as possible.

Mounting Options

- **Pole Mounting**
  Use supplied universal mount, articulating bracket & hardware to attach to pole or pipe (See Figure 1). Diameter of pole or pipe must be between 1 and 3 inches.

- **Surface Mounting**
  Remove pole/pipe bracket coupling from the universal mount as shown in Figure 2; install the articulating arm directly to mounting surface using four ¼ inch anchor bolts as shown in Figure 3.

Orientation

Pole/pipe may be vertical or horizontal, as the articulating arm provides universal adjustment. However, the gateway MUST be oriented vertically, with the large white antenna pointing up (power and Ethernet connections towards the ground), as shown in Figure 4.

Ethernet Connection

- Ethernet cable should be approved for outdoor use and UV rated.
- Ethernet cable should not exceed 300’ in length.
- Ethernet cable must terminate to an RJ45 connector using T568B wiring standards. All cables should be tested prior to use.
- Ensure cord grip (included) is correctly installed as shown in Figure 5.

Electrical Supply

- The electrical supply should be three (3) conductor wiring, with 300VAC rating.
- The gateway is supplied with eight (8) feet of cable and a flex conduit coupling. The electrical supply should be terminated into a junction box using ⅝” flex conduit to prevent contamination/ water intrusion (See Figure 6).
- Acceptable supply voltages include 120V, 208V, 240V or 277V.
- The earth ground lug on the rear of the unit (Figure 7) must be utilized. Ensure no wire insulation is captured by terminating screw.