### Genesis™ Control Board
- **Solid State coated programmable control board in an NEMA 4 electrical enclosure (Tested to –40° F).**
- **Security Breach Protection:** Built in 24V brake when A/C or battery is present. Optional internal locking Solenoid mechanism.
- **Monitored Inputs:** Open - 2 inputs, Close - 2 inputs with an (2) additional programmable inputs for Open or Close.
- **Programmable Inputs, Outputs, & Relays:** The board has 2 programmable inputs, 2 programmable outputs, and 2 built in relays for configuration and integration.
- **Control Wiring:** 16 & 18 Ga. Single conductor. Copper with electronic compression terminals tin-plated for max corrosion prevention.
- **Dual Gate Operation:** Programming allows for dual gate operation and Sally-Port configuration.
- **Delayed Closing:** Programmable from 0 - 90 seconds.
- **Preemptive Signal outputs:** 1 - 5 seconds before gate moves.

### Gate Construction
- **Gate Construction:** 10' - 20' - 2” Sq., 11 Ga. (.120) Steel Tubing. Over 20' - 2 1/2” Sq., 7 Ga. (.187) Aluminum Tubing.
- **Gate Lengths:** 10' - 25' (Consult factor for over 25’) .
- **Gate Heights:** 4' - 8' from pad grade. Consult factory for gates over 8' high as they require special crating and freight arrangements.
- **Picket Construction:** Steel– 3/4” Sq. 18 Ga. Galvanized Tubing is standard. Aluminum– 3/4” Sq. 1/8” wall is standard. Note: Contact factory for special sizes, spacing, and custom materials.
- **Chain Link Construction:** 2 3/8” Sch. 40, 20 & 2” x .065” Galv. Steel Tubing 9 Ga. Galv. Fabric (12’ up to 22’). 2 3/8” Sch. 80, 40, 40 & 2” x 1/8” 6061 Alum. Tubing 9 Ga. Alum Fabric (over 22’ to 25’).
- **Wind Bracing:** Cable -75 mph design, 1/4” coated aircraft cable (16’ 20’ gates). Rigid Masted - Gates over 20’ or certain heights and materials. Compliant with IBC Section 1609.6 Simplified Wind Load Method for 90 mph wind loading and the 150 mph hurricane wind loading.
- **Paint:** Spray applied colors are Commercial Coating 2-part High Solids Polyurethane. **Standard Spray Colors:** Black, White, Brown, Green, and Gray. Custom colors available. **Powder coating available:** Max length of 25’ and max height of 7’.