Specifications

List of Metrics

- Product life
- Durability
- Unit price
- Wireless Communication range
- Time Synchronization Standard for master stations
- Remote station base area
- Master station base area
- Master/slave weight
- Acceptable power supply
- Time counter accuracy
- Time to program

Ideal and Acceptable Target Values

- Product life $\geq$ 20 years
- Durability – can withstand 4 ft drop
- Unit price $\leq$ $300
- Wireless Communication range $\geq$ 50 ft
- Master clock synchronized to GPS or WWVB
- Remote station base area $\leq$ 48 in$^2$
- Master station base area $\leq$ 96 in$^2$
- Master/slave weight $\leq$ 5 lb
- Acceptable power supply - standard 120 VAC power outlet
- Time counter accuracy $\geq$ 1ms
- Time to program $\leq$ 1 minute