



Smarter solutions, delivered faster

Making it easy for you to save water, time and money

SMART SLUICE GATES by Watch Technologies



The smart choice for stand- alone gate automation – shipped in 4 to 6 weeks

WT's Smart Sluice Gates are fully integrated, independent, 100% complete control stations that can be instantly deployed for reservoir and canal control, check structures, canal turnouts, pipeline control stations, pump stations, water treatment facilities, flood control, and industrial applications.



Shipped complete: WT Smart Sluice Gates ship complete with a WT Programmable Actuator and on-board software that easily and accurately manages flow, level, gate position, and equipment operations, while logging and displaying station data. Custom programming available

Cost-effective gate control: WT Gate Actuators provide simple, accurate, durable, and efficient control for gates and valves. Embedding a “brain” (controller) in a WT Gate Actuator on a gate built to support it consolidates SCADA control components into a single, easily deployed enclosure, reducing the complexity of any control station, increasing reliability, and decreasing cost.

Works with any commercial controller: Any controller that can drive relays will fit into or integrate with the switch panel on WT's Smart Sluice Gates. WT typically installs and programs a Rugid Computer RUG3 RTU/Controller with standard control software supported at no cost. Custom software available.

Instant fit with all Watch Technologies' integrated products: WT is the ONLY U.S. company that designs and manufactures innovative sluice gates, gate actuators, and SCADA systems that all link together seamlessly and cost efficiently -- no system integration required.

Ready for solar: WT Smart Sluice Gates and WT Gate Actuators are designed for solar but work equally well with AC.

Specifications Summary

- **Gate Type:** Rising or non-rising stem, any size
- **Control Options:** Maintain up or downstream level or flow, adjust gate position and/or control equipment operations on data input based on a schedule; custom programming.
- **Power-Typ Max Daily:** 12 and 24 VDC. WT-100 Actuator 4Ahr/day, WT-200 Actuator 6/Ahr/day, WT-300 Actuator 9 Ahr/day
- **Controller I/O:** RUG3 typical 6 analog, 8 digital, 4 digital out (10A relays), 4 analog out, enhanced IO and custom controllers available
- **Control Panel:** HOA, local manual up/down, off, auto for remote control telemetry (SCADA)