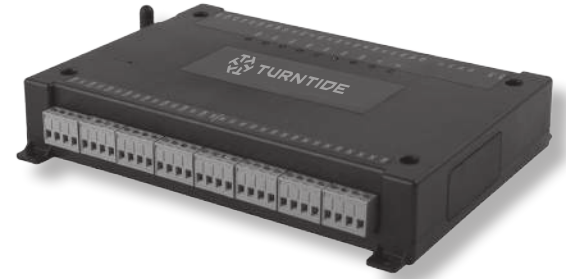


Turntide Supervisor

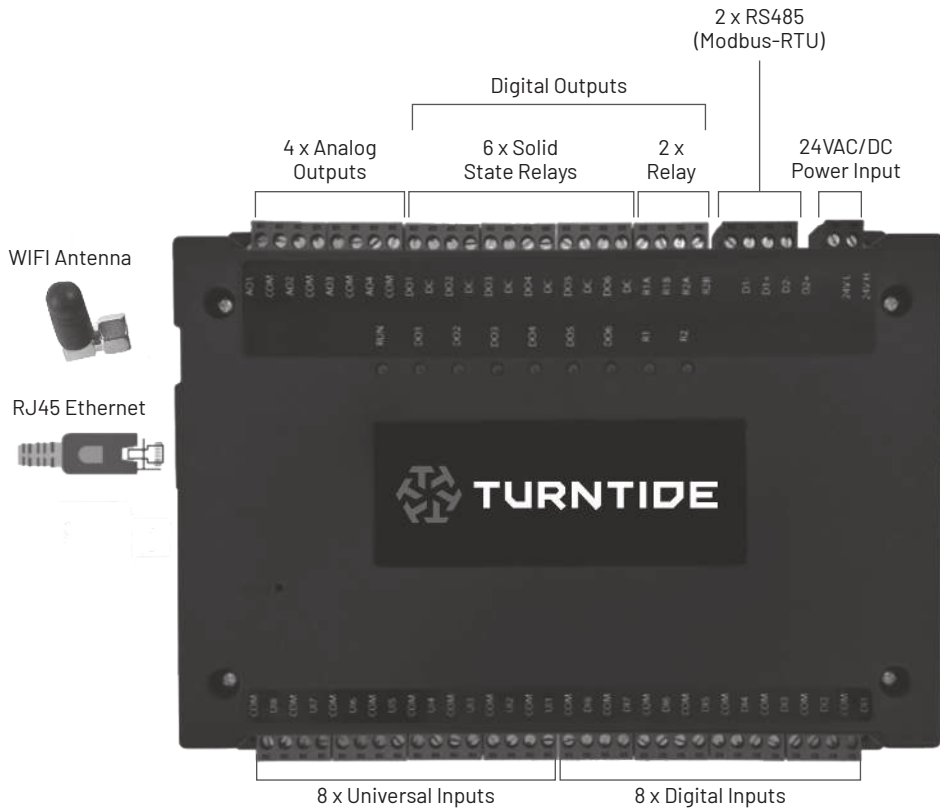
The Turntide Supervisor is used to connect multiple Smart Motor Systems on a site and provide connectivity to the Turntide Cloud or a BMS system. With the ability to manage up to ten motor systems, it can coordinate operation, provide continuous real-time monitoring data to the Turntide Cloud, and enable direct control and monitoring capability via BACnet to BMS systems. The Supervisor communicates to Turntide Smart Motors via a twisted pair network or 802.11 Wifi. The Turntide Supervisor provides connections for a multitude of physical I/O and is configurable with Turntide Cascade™ configuration software, completing a very flexible gateway product.



| FEATURES | TURNTIDE SUPERVISOR BENEFITS |
|---|--|
| Provides single communication connection for up to ten motors | Reduces field wiring and simplifies connection to BMS or Turntide Cloud. |
| Local or remote firmware upgrades for Turntide Smart Motors | System upgrades improve motor efficiency and operation, increasing Turntide Smart Motor energy savings over time. |
| Building management protocol support through native BACnet/IP | Leverages industry standard communications protocols, allowing for seamless integration with existing equipment and systems. |
| Supervises up to ten Turntide Motor Systems | Provides a single, scalable point of connection for remote monitoring and management of the motor systems. |
| Full complement of control and monitoring I/O: <ul style="list-style-type: none"> • Eight universal (voltage, current or resistive) inputs • Eight 24VAC digital inputs • Eight digital outputs • Four analog outputs • Linux based system architecture and standards-based software | Reduces total cost of implementation by minimizing need for additional BMS equipment with no licensing requirements. |
| Pre-configured for Automatic Digital Economizer Control | Approved for rebates by several utilities in the United States. Reduces payback period for retrofits. |



Certified to UL 60730-1 safety standard



| DIMENSIONS | LG | WD | HT |
|------------|-------|------|------|
| Supervisor | 7.95" | 6.1" | 1.4" |
| W/Antenna | 8.66" | 6.1" | 1.4" |

| TYPE | QTY | SPECIFICATION | NOTES |
|---|-----|---------------|--|
| Digital Output | 2 | 0.3A, 125VAC | 2 Relay contact output |
| | 6 | 2A, 24VAC | 6 Triac outputs |
| Digital Input | 8 | 0-24VAC | Isolated Inputs on Rev C |
| Analog Output | 4 | 0-10V, 20mA | Source follower buffered |
| Universal Input (Independently configurable as): | 8 | 0-10V | Single ended voltage mode |
| | | 0-20mA | Current loop mode |
| | | RESISTIVE | Resistive sensing, e.g. Thermistors |
| | | LOGIC | Open returns Logic 0 and shorted returns Logic 1 |

Indemnity

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TURNTIDE TECHNOLOGY FOR SUSTAINABLE OPERATIONS

Our breakthrough technologies accelerate electrification and sustainable operations for energy-intensive industries.