UTC Fire & Security
A United Technologies Company

# T-500W

430209004

## Specifications

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|---|---|
| Colour | Grey, charcoal, and black |
| Certifications | FCC |
| | CE |
| | UL 294 |
| Dimensions (W x H x D) | T-500SW/W : 44 x 148 x 30 mm |
| | T-520SW/W and T525SW/W : 148.6 x 114.3 x 31.7 mm |
| Operating temperature | -25 to 65°C |
| IP Rating | IP 65 |
| Relative humidity | 0 to 95%, non-condensing |
| Wiring | GE F/2F : 4 conductors (min.) |
| | Wiegand : 5 conductors (minimum) |
| Cabling distance | GE F/2F systems : up to 914 m at 12VDC |
| | Wiegand output : up to 152 m |
| System compatibility | |
| Microcontrollers | Micro/5-PX and Micro/5-PXN, Micro/PX-2000 and Micro/PXN-2000 |
| Access control systems | Picture Perfect Editions 1.7 or higher, and microcontroller firmware 1.72 or higher |
| Access control systems | Secure Perfect Editions 5.0 or higher, and microcontoller firmware 5.0.02 or higher |
| Credentials | For detailed system compliance specifications, refer to the reader installation guide |
| Proximity (125 KHz) | ProxLite, ISOProx, key fobs, and tags (Note: Proximity Perfect cards are not supported) |
| | Mifare (ISO 14443A) Mifare Standard, Mifare Light, Mifare Ultra Light, key fobs, and tags |
| Vicinity ISO 15693 | Infineon My-D 2K-S, 2K-P, 10K-S, 10K-P, SLI-2, key fobs, and tags |

## Ordering Information

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|---|---|
| 430209004 | T-500W |

- Configuration card (supplied) sets the Transition reader to 2-state or 4-state supervised F/2F mode, or for Wiegand data output (T-500SW versions only).
- Supports UTC and HID Corporation (including Corporate 1000) Proximity, MIFARE CSN (ISO 14443A), MIFARE/DESFire CSN, and Vicinity CSN (ISO 15693) credentials, including HID iCLASS CSN
- Accepts 6-16 VDC power input
- Allows easy migration from Proximity to Mifare, and Vicinity Smart Card technologies
- Offers high-reliability, consistent read-range performance, and low-power consumption
- Installs on both metal and non-metal surfaces
- Provides tri-color LED and beep indication for status, alarm, and tamper conditions
- Internal tamper alarm alerts security personnel if the reader is breached