

## Texmate Tiger E Version versus T Version feature comparison

Feature	E	T	Notes
<b>Digital I/O</b>	✓	✓	
On-board Digital Inputs	✓	✓	Three non-isolated digital inputs (lock, hold, capture).
OR71 (TTL) Digital Output OR72 (Open Col) Digital Output	✓	✓	Six non-isolated digital outputs under setpoint control (SP1-6).
OR81 Digital I/O Expansion Module	✗	✓	OR81 has 6 additional, isolated, digital inputs and 6 isolated, digital outputs (open collector NPN). A special application (macro) is used to control the additional I/O.
OR82 Digital I/O Expansion Module	✗	✓	OR82 adds 10 additional, isolated digital outputs to OR81 (6 in, 16 out total), special application (macro) allows full 16 set-points (SP1-16) for outputs.
<b>Linearization</b>			
Linearization Tables	1	4	Each table has 32 points. In the T-Version, linearize up to 4 inputs. In addition, all four tables can be combined to create a 125 point table for highly non-linear input signals and/or high accuracy applications (1 point is used to link each of the three additional tables).
<b>Programmability</b>			
Programmable parameters built in	✓	✓	The Tiger operating system has hundred's of programmable parameters accessible via the built in user interface or the Texmate Configuration Utility.
TexBASIC support	✗	✓	TexBASIC is a structured text language used to create custom applications (macros) for virtually any control application. Supports complex math, custom HMI, etc.
<b>Data Logging</b>			
OR91 Data Acquisition Module	✓	✓	Has Real Time Clock and 2GB SD Card for data logging. Use Texmate Data Analyzer to retrieve data from the SD Card.
<b>Texmate Applications</b>			
Texmate Configuration Utility	✓	✓	For use with a single meter. Used to set meter parameters remotely via communication interface (USB, RS-232, RS-485, Ethernet)
Texmate Data Viewer	✓	✓	For use with a single meter. Used to manage data and acts as an HMI via the communication interface. HMI includes real-time graphing and digital display as well as chart recorder and data archiving functions.
Texmate Data Analyzer	✓	✓	For use with OR91 Data Acquisition Module to retrieve, repair and export data from the SD Card via the communication interface.
Texmate Development System	✗	✓	Used to create custom applications (macros) using TexBASIC, then compile and upload the application to a T-version meter via the communication interface.
Texmate Data Server	✗	✓	Data Server provides simple HMI (browser based), meter-to-meter data transfer, data logging/historian, and email alarms using a custom application (macro). Data may be exported for IIoT data analytics applications. Requires the Ethernet communication interface.