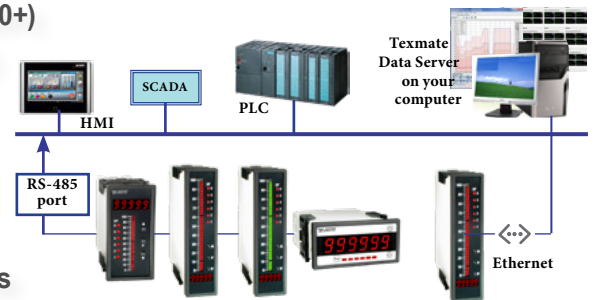


Super Intelligent I-Series Tiger Family

Robust, Reliable, Programmable Smart Meter Controllers and Transmitters for your IIoT Applications

- ▶ IIoT Edge Computing, Distributed Control System and SCADA ready
- ▶ Combine Process Control and Micro PLC
- ▶ Out of the box process control including PID, easy setup, no PLC programming required
- ▶ MicroRack modularity for easy maintenance and reconfiguration
- ▶ Industry's widest range of signal conditioning input modules (140+)
- ▶ Common Setpoint Control Outputs supported (relay, logic, SSR)
- ▶ Ethernet, USB, RS-485, RS-232 options (ASCII, Modbus)
- ▶ Analog Outputs available (single or dual mA/DCV)
- ▶ PC utility for custom meter configuration/setup
- ▶ 5, 6 and 8 Digit Display in multiple DIN case sizes available
- ▶ Texmate BASIC structured text language for Custom Applications

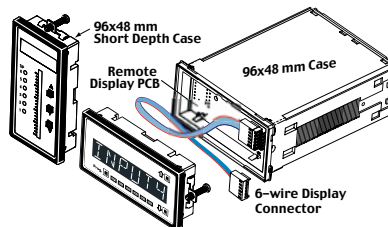


TI Series
Transmitters / Micro PLC



Tiger Transmitters with
Optional HMI Touch
Screen Display

Optional Ultra-Short Depth
Remote Display



144x72mm 9/32 DIN



GI-50EB101

96x24mm1/16 DIN



BI-60A



DI-802XA



DI-60A



DI-60X



DI-60



DI-60A5C



DI-50



DI-60A5C

36x144mm
9/64 DIN



FI-BI01D50

Optional Custom
Faceplate Design



DI-503

DI-50AN6

DI-50B51

96x48mm1/8 DIN



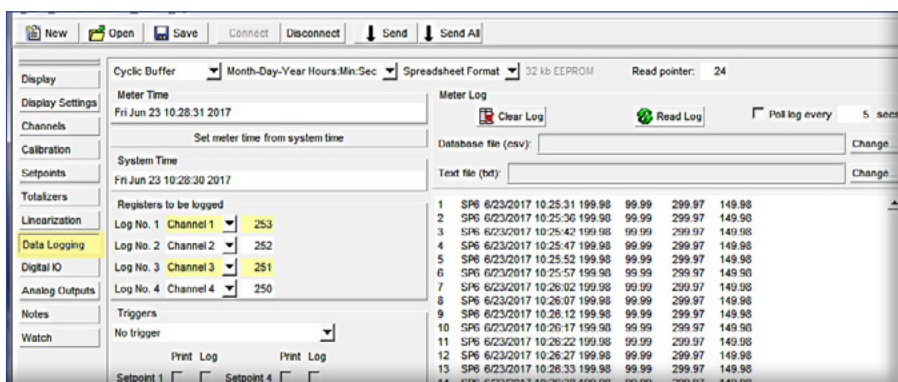
Texmate Intelligent
Tiger Series

Reliable, powerful and intelligent, 5 to 8 digit Edge Programmable Meter Controller (Micro PLC) with over **140** single, dual, triple and quad modular input signal conditioners; over **30** I/O outputs including analog, serial, ethernet and relays; advanced configuration software and custom apps for your smart IIoT metering and control applications.

Embedded Application Software Includes:

- Up to 4 input channels with cross channel math (A+B, A-B, AxB, A/B) between CH1& CH2 for multi-channel processing
- Full Floating-point Math
- Square Root, Inverse and Log of Input
- 4 x 32 Point Or 1 x 125 Point Linearization Table
- Smart Auto Zero with Programmable Capture Band, Rate of Change and Aperture Window for Weighing Applications
- Smart Quick Response Averaging
- Smart Timer and Time Integration Functions
- Time and Event-based Sequencing
- Polynomial Calculations
- Remote Reset of Any Function
- Dual independant Totalizers
- Dual PID
- Set Tare, Reset Tare for Batching and Weighing
- Peak & valley (max & min) with front panel recall and reset
- Setpoints activated from any input, any register in the meter or from any digital input.
- Autozero maintenance for super stable zero reading is provided for use in weighing applications
- Tiger Operating system programmable using BASIC syntax to develop custom applications (Macro).

The **Tiger Operating System** has built-in, sophisticated data logging software with date/time stamp to log in an endless loop. **Number of samples limited only by the size of the SD card.** It can be triggered from the PROGRAM button, digital inputs, time or alarm functions. **Data Logging** combined with an Ethernet interface for edge computing and cloud data analytics applications



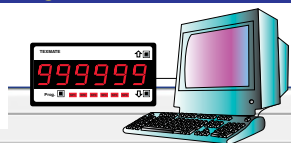
15 year lithium battery

Real-time Clock for printing, data logging and activating a setpoint or control action at fixed times of the hour, day, week, month or year.

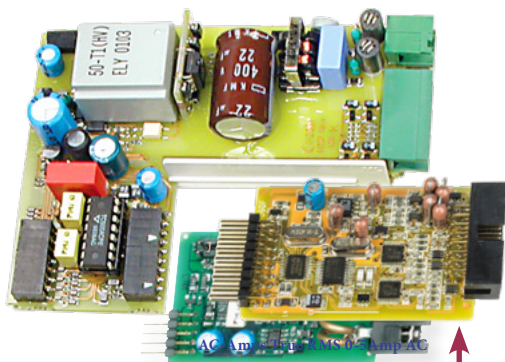


Configuration & Programming the meter from a PC

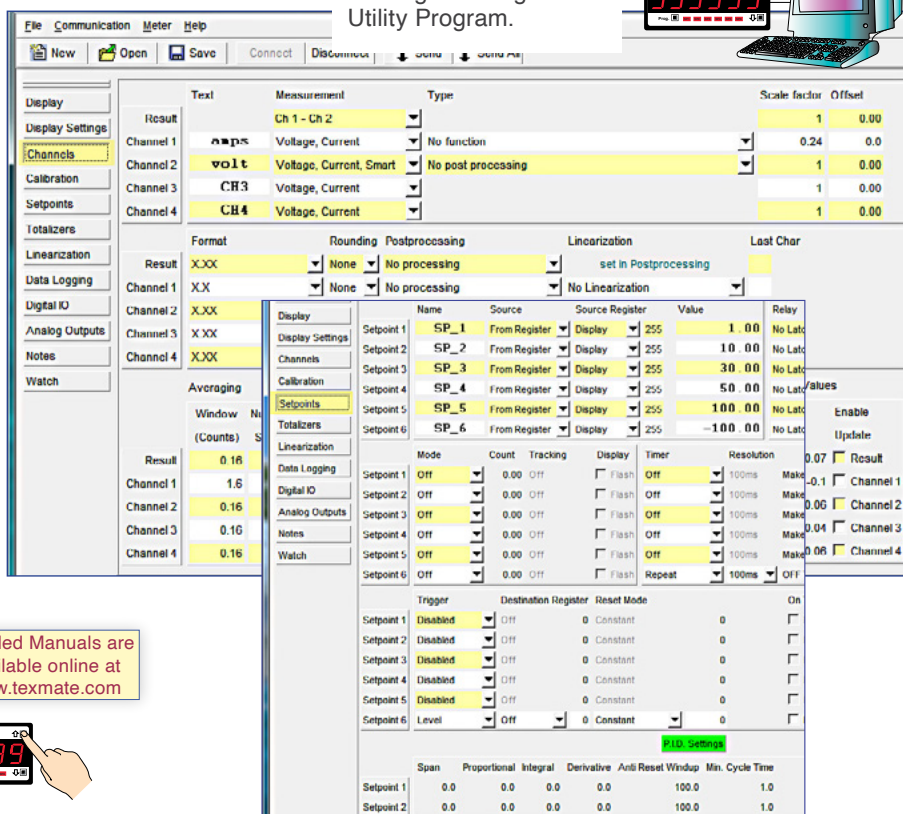
with Texmate's easy to use Tiger Configuration Utility Program.



Over 140 Different Input Signal Conditioners to choose from



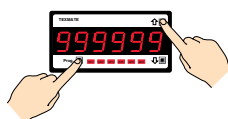
- Choose from over 140 different single, dual, triple and quad input signal conditioners.
- Mixed function and smart modules with their own A/D's, co-processors, SSR's and I²C Bus outputs are available to suit almost any application.



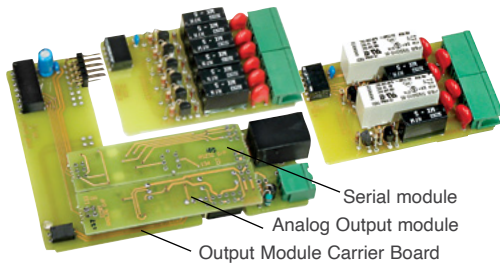
Programmable Front Panel Controls

The front panel buttons can be used to control or program any standard functions. or to only access and display specifically designated functions, such as on demand Tare, Auto-Cal and Compensation.

Detailed Manuals are available online at www.texmate.com



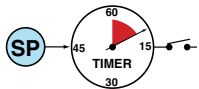
6 Super Smart Setpoints - 8 Selectable Functions - 7 Programmable Timer Modes



6 super smart, independently programmable setpoints with 8 selectable functions, including latching, deviation, hysteresis, register resetting, tracking and PID plus 7 programmable timer modes on all 6 setpoints

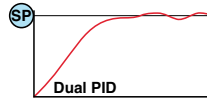
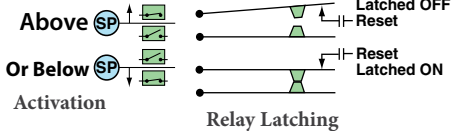
7 Multi Function Interval Timers on all 6 setpoints

Normal..... Adjustable Delay On Make / Adjustable Delay On Break
1-Shot ON..... Adjustable Delay On Make / Adjustable Min ON-Time
1-Shot OFF..... Adjustable Delay On Break / Adjustable Min OFF-Time
Pulse ON..... Adjustable Delay On Make / Adjustable Max ON-Time
Pulse OFF..... Adjustable Delay On Break / Adjustable Max OFF-Time
Repeat ON..... Adjustable ON-Time / Adjustable OFF-Time
Repeat OFF..... Adjustable OFF-Time / Adjustable ON-Time



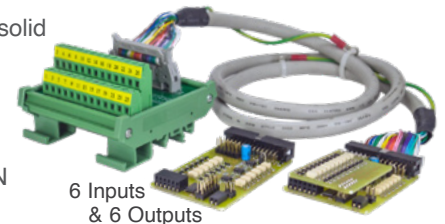
Single & Multiple Activation Timers

4 Amp and 9 Amp Relays or optional SSR Outputs can be energized above or below setpoints.



Up to 22 Opto-Isolated I/Os Plug-in Module

Plug-in I/O modules include solid state relays, logic outputs or open collector outputs; 6 inputs & 16 outputs of opto-isolated I/O can be connected to an external DIN Rail terminal block module.



Fully Programmable with custom applications

High Efficiency CE tested

Auto-sensing AC/DC Power Supply

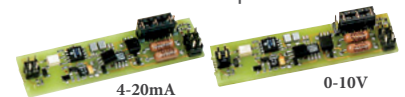
- Standard 85-265 VAC / 95-300 VDC
- Optional Low Voltage 15-48 VAC / 10-72 VDC

Scrolling Annunciator up to 99 Characters long is available on all 6 setpoints for Alphanumeric Displays with Fill-in-the-blanks Custom Apps.

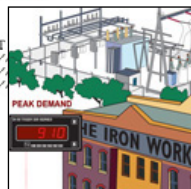
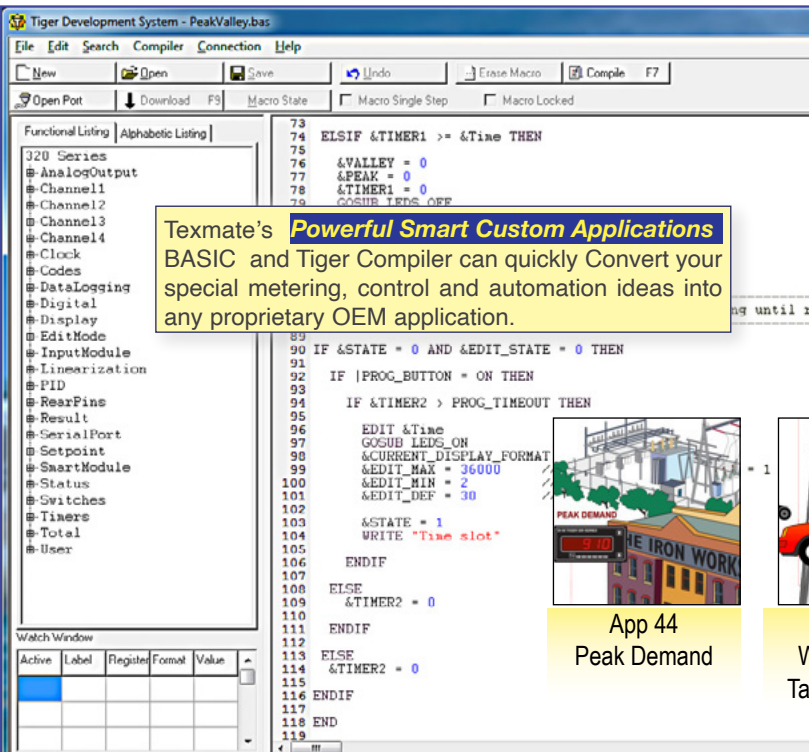
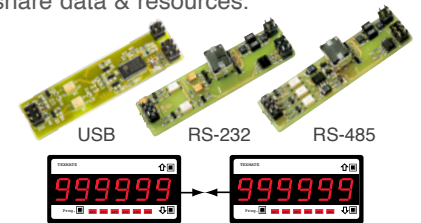


16-bit Isolated Analog Outputs

Single and Dual Programmable 0/4 to 20 mA or 0 to 10 V for retransmission, 4-20 mA loops, drive valve actuators, remote controllers & displays, multi-loop feedback and PID output.



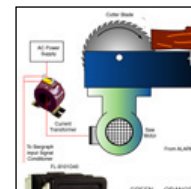
Serial Output Options include RS-232, RS-485, ModBus, Ethernet, USB or Direct **Meter to Meter** enables two meters to share data & resources.



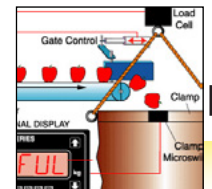
App 44
Peak Demand



App 41
Weighing with
Tare Zero Offset



App 15
AC Current
Measurement
Load Control

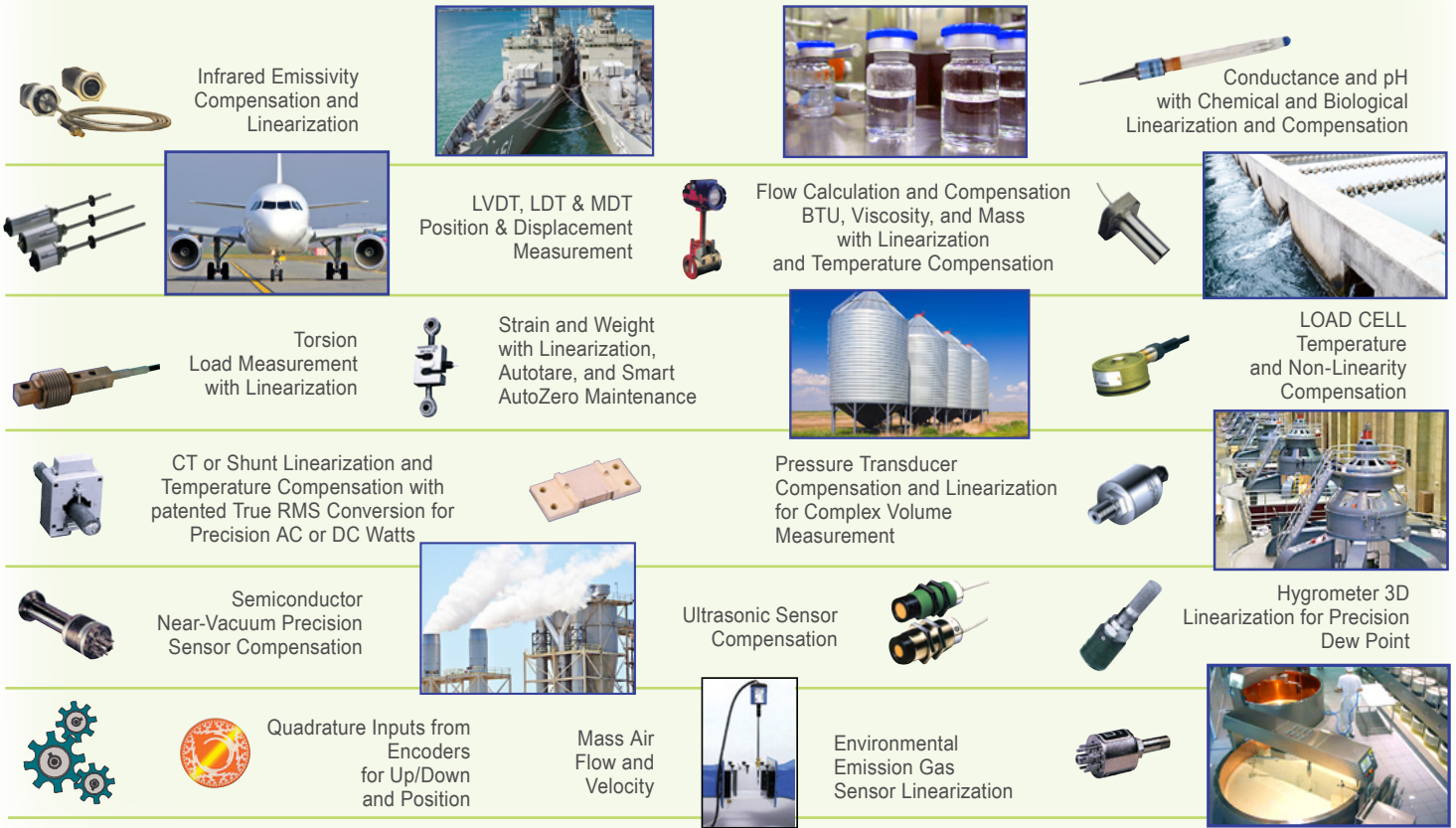


App 14
Bag Filling
Machine using
Load Cell Input

More

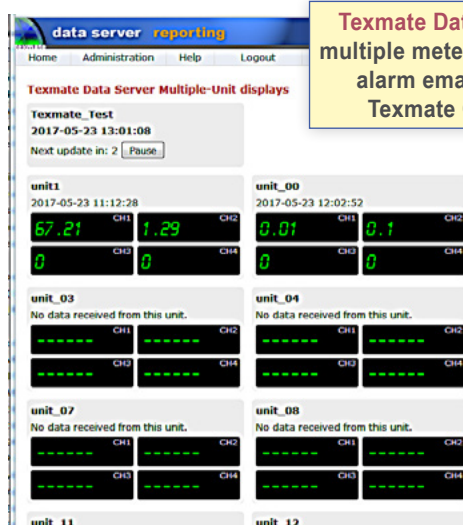
Super-Intelligent Tiger *I-Series* Micro PLC

Enable All Types of Sensors to Accurately Outperform Themselves

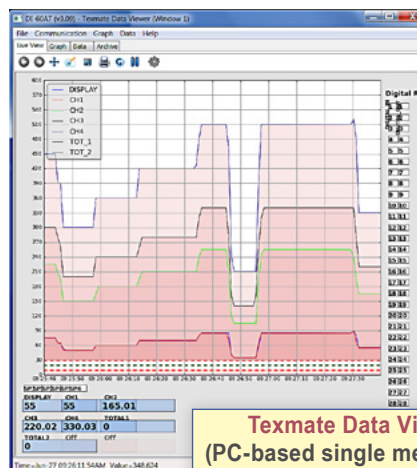


Measure, count, time, digitize, linearize, compensate, calculate, compare, accumulate, integrate, annunciate, display, control, record, report, communicate and automate any process, in any industry, from any sensor, with the Texmate *I-Series* Tiger Family of Programmable Meter Controllers.

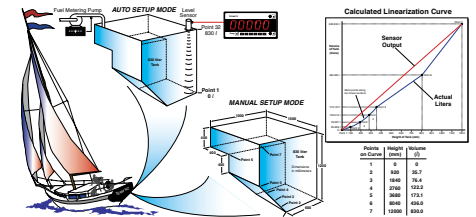
Custom applications for your smart metering and smart control industrial processes



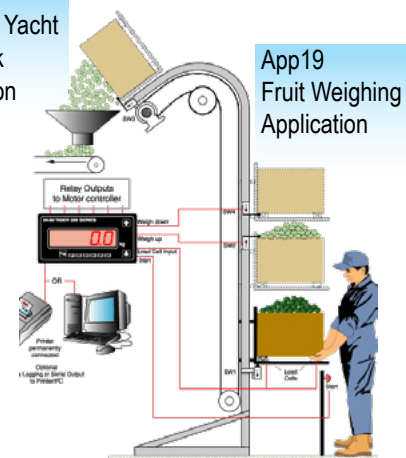
Texmate Data Server (PC-based meter server with multiple meter viewer, meter-to-meter data exchange, alarm emails, and historian database, requires Texmate Custom Application to be installed)



Texmate Data Viewer (PC-based single meter data log viewer, historian with Batch Controller application)



App 23
Linearize Yacht Fuel Tank Application



App19
Fruit Weighing Application

TEXMATE Smart Metering Smart Control
1934 Kellogg Ave. Carlsbad CA 92008

- For ordering info call:..... 1-800-TEXMATE (800-839-6283)
- For tech assistance call: (760) 598-9899
- Email: orders@texmate.com