



A world of applications. One meter.  
You've got them outnumbered.



Reliable and accurate, PAX has passed the acid test in industries from food processing to materials handling to petrochemicals. PAX provides counting, timing, flow, rate and other control with network capability and unequalled flexibility. And every PAX meter brings you Red Lion's award-winning service and support. No wonder readers of major industry publications have voted PAX the best process meter—by a margin of nearly five to one over the closest competitor.

Model	Application	Inputs
PAXC	6-Digit Dual Counter	Contacts, photo-eyes, proximity sensors, encoders, etc. to 34kHz
PAXCK	6-Digit Timer/Realtime Clock	Contacts, photo-eyes, proximity sensors
PAXD	Universal DC Inputs	DC Voltage 200mV, 2V, 20V, 300V DC Current 2mA, 20mA, 200mA, 2A Resistance 100Ω, 1000Ω, 10KΩ
PAXH	True RMS AC Voltage/Current	AC Voltage 200mV, 2V, 20V, 300V AC Current 2mA, 20mA, 200mA, 5A
PAXI	6-Digit Dual Counter/Rate	Contacts, photo-eyes, proximity sensors, magnetic pickups, encoders, etc. to 34kHz
PAXP	Process Inputs	0 to 20mA or 0 to 10VDC
PAXR	5-Digit Rate	Proximity sensors, magnetic pickups, encoders, etc. to 34kHz
PAXS	Strain Gage/Load Cell	24mV or 240mV Differential
PAXT	Temperature Inputs	Thermocouples: T, E, J, K, R, S, B, N, C & custom RTDs: 100Ω platinum, 385/392; 120Ω nickel 672; 10Ω Pt copper 427
LPAX	5 or 6 Digit Large Display	1.5" LED—clearly visible at a distance of up to 70 feet
EPAX	5 or 6 Digit Extra Large Display	4" LED—clearly visible at a distance of up to 180 feet



Front: PAX shown actual size (1/8 DIN) with user-adjustable, sunlight-readable red display. Back: standard green display.

## The world's most popular, most versatile meter!

PAX's nine models and huge option set adapt to your control requirements. And with a user-adjustable sunlight-readable display,\* this meter works everywhere you need it: from darkroom to bright light applications.

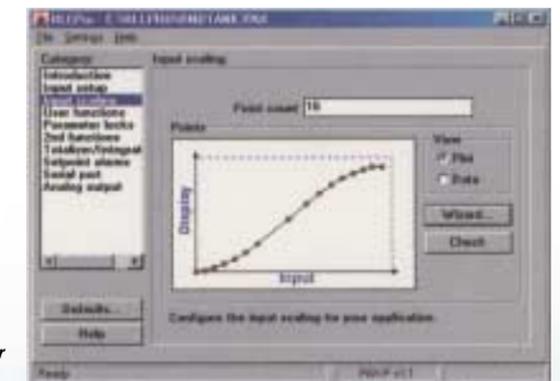
\*available with standard green or sunlight readable red LEDs

- Bright, 5 or 6 digit, variable intensity .56" display (alternating 8 digits for counting)
- Counter, Rate, and Timer/Clock, Voltage, Current, Process, Temperature, and Strain Gage
- Up to 4 setpoint alarm outputs
- Customizable outputs with plug-in cards: Alarms, Analog, and Comms (DeviceNet, Modbus, Profibus and RS232/RS485)
- Programmable scaling
- Set up from your PC using convenient Windows® programming software
- Programmable function keys/user inputs
- NEMA 4X/IP65 front bezel
- Large displays available: 1.5" and 4" LED (see back panel)

## Quick programming with Windows® software

Set process parameters at your PC and download them to distributed PAX meters with SFPAX software.

SFPAX is easy to use, intuitive and powerful. Not sure how to plot PAX's 16-point scaling to your non-linear signal? Let the Scaling Wizard crunch the numbers for you! SFPAX gives you many other benefits, and one of the biggest is that this invaluable time-saver is a FREE download from our website at [redlion-controls.com](http://redlion-controls.com).



Program your meters from your desk or laptop with FREE SFPAX software.

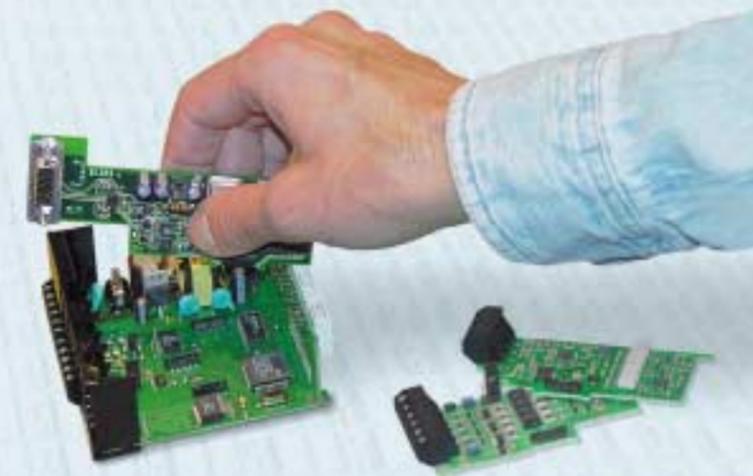
# PAX measures up to your toughest applications!

## System capabilities for plantwide connectivity

PAX can provide machine data to your network as well as the machine operator. PAX Communication Cards support Modbus, DeviceNet, and Profibus protocols. Enjoy realtime plant-floor connectivity for better control, data analysis, reporting and backups.

## Save time and money with plug-in output cards

PAX makes it easy to customize one meter for more than one application. With inexpensive output cards you can refit your PAX with up to three output options: Alarms, Analog, and Comms. It's easy, fast and saves you the cost of a brand-new meter.



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# Big talkers.

## LPAX Large Display

Readable from up to 70 feet, LPAX gives you the numerous control options with a brilliant 1.5" (38mm) display. A rugged, NEMA 4/IP65 metal housing keeps LPAX from harm in plant-floor conditions.

## EPAX Extra Large Display

For long-distance and poor-visibility environments, EPAX provides essential visibility with a 4" (101mm) display that's clearly readable from some 180 feet. The NEMA 4/IP65 metal housing is standard; a shroud is available to shield the LED in hazardous or extremely bright settings.

Order the version that suits your application and configure your LPAX or EPAX with SFPAX software from the convenience of your PC.

- Count, Rate, Timing and Realtime Clock
- Thermocouple or RTD inputs
- Strain Gage/Bridge
- Process Signals; True RMS Voltage and Current



Top: EPAX with 4" LED  
Lower left: LPAX with 1.5" LED



## Custom annunciators add flexibility and style

Add backlit annunciator labels to your PAX to clarify, identify and customize the display. PAX label sheets provide scores of measurements and engineering units that make the displayed data easier to identify.

Labels are easy to apply in a few seconds, with no specialized tools or processes required. When the meter is programmed for backlighting, your custom annunciators are illuminated.



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