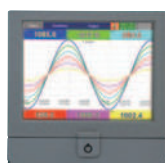


PPS Series Videographic Data Recorders



PPS-1000

PPS-2000

PPS-3000

Analog Input Channels	3 or 6	3, 6, 12, 18, or 24	6, 12, 18, 24, 30, 36, 42 or 48
Universal Analog Inputs	Thermocouples: J, K, T, E, B, R, S, N, L, U, P, W5, W3, LR, A1, A2, A3, M; Linear: mA, mV, V RTD: Pt50, Pt100, Pt200, Pt500, Pt1000 ($\alpha=0.00385$) Pt50, Pt100 ($\alpha=0.00391$) JPt50, JPt100, JPt200, JPt500, JPt1000 ($\alpha=0.003916$) Cu10, ($\alpha=0.00427$), Cu50, Cu100 ($\alpha=0.00426, 0.00428$) Ni100, Ni200, Ni500, Ni1000 ($\alpha=0.00617$)		
Sampling Rate	100mS, 24 bit Analog to Digital Converter		
Math, External Channels, FDA 21 CFR part 11	Available in optional Plus versions of the firmware.		
Display, Touch Screen	4.3" TFT Color LCD	5.6" TFT Color LCD	12.1" TFT Color LCD
Resolution	480 x 272	640 x 480	1024 x 768
Email, Screen Saver	Yes	Yes	Yes
CPU	ARM Cortex-A8, 1 GHz	ARM Cortex-A8, 1 GHz	ARM Cortex-A8, 1 GHz
Internal Flash Memory	256 MB	256 MB	256 MB
Internal RAM	256 MB	256 MB	256 MB
Ethernet	Modbus TCP/IP	Modbus TCP/IP	Modbus TCP/IP
RS-232/422/485	Optional RS-232 or RS-422/485 Modbus RTU in the rear		
SD card slot, USB	Standard SD and one USB in the front, one USB in the rear		
Pulse Input	Optional Digital Input Card for either logic or high frequency counter		
START/STOP switch	Start/Stop channel recording, and manually turn off the display		
Calibration	On site calibration or channel correction using Offset and Gain		
Multilingual	Programmable in Brazil Portuguese, Chinese (simplified and traditional), Czech, Danish, Dutch, English, French, German, Greek, Italian, Japanese, Korean, Polish, Portugese, Russian, Spanish, Thai and Turkish		
PC Software	Configuration and Historical Viewer - Standard; Real Time monitoring and Data Acquisition Studio - Optional		
Power Supply	90-250 VAC or 11 - 36 VDC		
Outer Dimensions (WxHxL)	5.67" x 5.67" x 7.44" (144 x 144 x 189mm)	5.67" x 5.67" x 7.44" (144 x 144 x 189mm)	11.34" x 11.34" x 7.44" (288 x 288 x 189mm)
Panel Mounting Depth	6.73" (171mm)	6.73" (171mm)	6.73" (171mm)
Panel Cutout	5.39" x 5.39" (137 x 137mm)	5.39" x 5.39" (137 x 137mm)	11.06" x 11.06" (281 x 281mm)
Protection Rating	NEMA 4X / IP65 front; IP20 rear		
Operating Temperature	32° to 122°F (0° to 50°C)		
Storage Temperature	-22° to 158°F (-30° to 70°C)		
Safety Standards	cURus, RoHS		