

Horner Automation Group - 10" PLC/HMI Comparison



Description	Spec	Micro X10	XL10 Prime	XL10W Prime	Canvas 10D	
Controller	Ladder Logic Memory	512kB	2MB			
	Logic Scan Rate	0.4 ms/K	0.02 ms/K			
	PID Loops Supported	8	64			
	General Purpose Registers	5,000 words	50,000 words			
	General Purpose Internal Coils	2,048 bits	32,768 bits			
	Removable Memory	Up to 32GB Micro SD				
HMI	Onboard Display	10.1" 1024x600 LED, 300 nits	10.4" 640x480 TFT, 550 nits	10.1" 1024x600 WSVGA, 300 nits		
	Buttons	Virtual Function Keys	Physical Function Keys	Virtual Function Keys		
	Total Screens	250	1023			
	Objects/Screen	100	1023			
	Graphics	Standard		Enhanced		
I/O	I/O Expansion	OCS-I/O, SmartStix, SmartRail, SmartMod, SmartBlock				
	Digital Inputs/Outputs, Max	1024	2048			
	Analog Inputs/Outputs, Max	1024	2048			
	Built-in	Digital Inputs	12 DC In	Up to 24 DC In		
		Digital Outputs	12 DC Out or 6 Relay Out	Up to 16 DC Out or 6 Relay Out		
		Analog Inputs	4 (4-20mA or RTD only)	Up to 6 (4-20mA, 0-10V, Thermocouple, RTD)		
		Analog Outputs	2 (4-20mA only)	Up to 4 (4-20mA, 0-10V)		
		High Speed Input Modes	Quadrature, Totalizer, Frequency, Pulse	Quadrature, Totalizer, Frequency, Period Measurement, Pulse		
	High Speed Output Modes	HSC Out, PWM	HSC Out, PWM, Stepper			
Communications	Ethernet Ports	2 x 10/100 Mbps				
	CAN Ports	2				
	Serial Ports	2 in single RJ45 port (1 x RS-232, 1 x RS-485)	3 total connections in 2 physical RJ45 ports			
	USB A	No	Yes, supports data storage, USB camera, or USB WiFi	Yes, data storage, USB camera, or USB WiFi, mouse/keyboard		
	USB Programming	USB Mini-B		USB C		
	Licensed Options	BACnet, CANopen, WebMI	MQTT, WebMI, Enhanced IEC, J1939		All licensed options included	
Physical Dimensions	Height x Width x Depth	6.5"x10.4"x2.2"	9.08"x11.94"x2.43"	6.5"x10.4"x2.2"		
Operating Specifications	Operating Temperature	-10C to 60C	-10C to 60C (down to -40C with heater option)			
	Humidity (non-condensing)	5 to 95%				
	Environmental Rating	IP65 and Type 4X				
List Price		\$1195	Starting at \$4745	Starting at \$3865	Starting at \$4345	