

INDUSTRIAL CONTROL COMMUNICATIONS, INC.

Mirius Supported Serial Drivers as of April 28, 2020

Physical Layer	Role		Master (Client)	Slave (Server)	Sniffer
	Driver				
RS-485 RS-232 UART	A.O. Smith AIN			✓	
	A.O. Smith PDNP	✓			
	BACnet MS/TP	✓		✓	
	DMX-512	✓		✓	
	Generic Serial	✓		✓	✓
	Host-Network Pass-Through	✓		✓	✓
	M-Bus	✓			
	Macurco Modbus Monitor				✓
	Metasys N2	✓		✓	
	Modbus RTU	✓		✓	✓
	Modbus RTU Firewall Router	✓		✓	✓
	MSA Chillgard				✓
	Siemens FLN	✓		✓	
	Sullair	✓			
	TCS Basys	✓			
	Toshiba ASD	✓			
Toshiba PLC	✓				
USB	USB Serial Sniffer				✓
	USB Virtual COM Port	✓		✓	

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For more information about this and other industrial & commercial communication interface products, visit us online at <http://www.iccdesigns.com>.

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INDUSTRIAL CONTROL COMMUNICATIONS, INC.

230 Horizon Drive, Suite 100
Verona, WI 53593 USA

Phone: (608) 831-1255
<http://www.iccdesigns.com>

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Supported I/O List as of April 28, 2020

I/O Type	Function	IO1/IO2	IO3/IO4	Details
Analog Input	Voltage (0 - 5 V)	✓		10-bit Resolution Multiplier & Offset Scaling
	Voltage (0 - 10 V)	✓		
	Current (0 - 20 mA)	✓		
Digital Input	Dry-Contact	✓	✓	Internally Pulled up to 3.3V
	Wet-Contact (3.3 V)	✓	✓	
	Wet-Contact (5 V)	✓	✓	
	Wet-Contact (10 V)	✓		
Digital Output	Push/Pull Output		✓	3.3V CMOS Output
	Open Drain Output	✓		Low-Side/Sink Switching 24V DC (Max) 250mA Max Load 500mW Max Power Dissipation
Pulse Input	Pulse Counter (Dry-Contact)	✓	✓	Multiplier Scaling Debounce Filtering Internally Pulled up to 3.3V
	Pulse Counter (Wet-Contact (3.3 V))	✓	✓	Multiplier Scaling Debounce Filtering
	Pulse Counter (Wet-Contact (5 V))	✓	✓	
	Pulse Counter (Wet-Contact (10 V))	✓		
	Frequency Detection (Dry-Contact)	✓	✓	Multiplier & Offset Scaling Low-Pass Frequency Filtering Internally Pulled up to 3.3V
	Frequency Detection (Wet-Contact (3.3 V))	✓	✓	Multiplier & Offset Scaling Low-Pass Frequency Filtering
	Frequency Detection (Wet-Contact (5 V))	✓	✓	
	Frequency Detection (Wet-Contact (10 V))	✓		
Pulse Output	Pulse Width Modulation (Push/Pull Output)		✓	Multiplier & Offset Scaling 0.00 - 100.00% Duty Cycle Configurable Frequency
	Frequency Modulation (Push/Pull Output)		✓	Multiplier & Offset Scaling 0.06 Hz - 6 MHz 50% Duty Cycle
	Pulse Width Modulation (Open Drain Output)	✓		Multiplier & Offset Scaling 0.00 - 100.00% Duty Cycle Configurable Frequency Low-Side/Sink Switching 24V DC (Max) 250mA Max Load 500mW Max Power Dissipation
	Frequency Modulation (Open Drain Output)	✓		Multiplier & Offset Scaling 0.06 Hz - 6 MHz 50% Duty Cycle Low-Side/Sink Switching 24V DC (Max) 250mA Max Load 500mW Max Power Dissipation



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