

INDUSTRIAL CONTROL COMMUNICATIONS, INC.

Mirius Supported Serial Drivers as of June 15, 2017

Physical Layer	Driver \ Role	Master (Client)	Slave (Server)	Sniffer
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	✓	✓	✓
	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, visit us online at <http://www.iccdesigns.com>.

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INDUSTRIAL CONTROL COMMUNICATIONS, INC.

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Mirius

Supported I/O List as of June 15, 2017

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 3.3V CMOS Output
	Frequency Modulation (Push/Pull Output)		✓	Multiplier & Offset Scaling 0.06 Hz - 6 MHz 50% Duty Cycle 3.3V CMOS Output
	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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