

INDUSTRIAL CONTROL COMMUNICATIONS, INC.

Mirius Supported Drivers and I/O List as of March 2, 2017

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	✓		
		Metasys N2	✓	✓	
		Modbus RTU	✓	✓	✓
		MSA Chillgard			✓
		Siemens FLN	✓	✓	
		Sullair	✓		
		TCS Basys	✓		
		Toshiba ASD	✓		
	Toshiba PLC	✓			
USB		USB Serial Sniffer			✓
		USB Virtual COM Port	✓	✓	

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)	✓		
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
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	Dry-Contact	✓	✓	Internally Pulled up to 3.3V
	Wet-Contact (3.3 V)	✓	✓	
	Wet-Contact (5 V)	✓	✓	
	Wet-Contact (10 V)	✓	✓	



For more information, visit us online at <http://www.iccdesigns.com>.



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