









## IO Controller Catalog

Product Name	Model	Key Features	Picture
32-Channel Digital Input & Relay Output IO Controller	YX3232-14 (RS485 + RS232)YX3232-34 (Ethernet)	<ul style="list-style-type: none"> <li>• 32 digital inputs and 32 relay outputs</li> <li>• LED status indicator for each channel</li> <li>• 24VDC power supply</li> <li>• RS485 + RS232 communication (Modbus RTU protocol)</li> <li>• Independent relay control with NO/NC terminals for each channel</li> <li>• Optional TCP/IP Ethernet interface</li> </ul>	
12DI 10DO IO Controller Module	YX1210-14 (RS485 + RS232)YX1210-34 (Ethernet)	<ul style="list-style-type: none"> <li>• 12 digital inputs, 10 relay outputs</li> <li>• RS485 communication (Modbus RTU)</li> <li>• 24VDC power supply</li> </ul>	
16-Channel Digital Input & Relay Output IO Controller	YX1616-14 (RS485 + RS232)YX1616-34 (Ethernet)	<ul style="list-style-type: none"> <li>• 16 digital inputs and 16 relay outputs</li> <li>• LED indication for each channel</li> <li>• Multiple relay modes: Pulse, Interlock, Linkage, etc</li> <li>• RS485 + RS232 communication (Modbus RTU)</li> <li>• Optional TCP/IP Ethernet interface</li> </ul>	
40-Channel Digital Input Monitoring Module	ZH-YX4000	<ul style="list-style-type: none"> <li>• 40 digital inputs with LED indicators</li> <li>• RS485 communication (Modbus RTU)</li> <li>• Wide power supply: 9-30VDC</li> </ul>	
5DI 4DO 16A Relay IO Controller	YT0504-14 (RS485 + RS232)YT0504-34 (Ethernet)	<ul style="list-style-type: none"> <li>• 5 digital inputs and 4 independent 16A relay outputs</li> <li>• Plug-in replaceable relays</li> <li>• Supports sink/source input wiring</li> <li>• Multiple relay operation modes</li> <li>• Modbus RTU communication</li> <li>• Optional Modbus TCP</li> <li>• Custom logic programming available</li> </ul>	

8DI 8DO 16A Relay IO Controller	YT0808-14 (RS485 + RS232)YT0808-34 (Ethernet)	<ul style="list-style-type: none"> <li>• 8 digital inputs and 8 independent 16A relay outputs</li> <li>• Plug-in replaceable relays</li> <li>• LED status indication</li> <li>• Multiple relay operation modes</li> <li>• Optional Modbus TCP communication</li> <li>• Custom logic functions available</li> </ul>	
16-Channel 16A Relay Output Controller	YT0016-14 (RS485 + RS232)YT0016-34 (Ethernet)	<ul style="list-style-type: none"> <li>• 16 independent 16A relay outputs</li> <li>• Plug-in replaceable relays</li> <li>• LED indicators for each channel</li> <li>• Pulse, Linkage, Interlock modes</li> <li>• Modbus RTU / TCP supported</li> </ul>	
32-Channel Relay Output Controller	YX0032-14 (RS485 + RS232)YX0032-34 (Ethernet)	<ul style="list-style-type: none"> <li>• 32 independent relay outputs</li> <li>• LED indicators and onboard display</li> <li>• 24VDC power supply</li> <li>• Modbus RTU or Modbus TCP communication</li> <li>• Independent NO/NC terminal outputs</li> <li>• Advanced control functions available</li> </ul>	
16-Channel Relay Output Controller	YX0016-14 (RS485 + RS232)YX0016-34 (Ethernet)	<ul style="list-style-type: none"> <li>• 16 independent relay outputs</li> <li>• LED indicators for each channel</li> <li>• Pulse, Linkage, Interlock modes</li> <li>• Modbus RTU/TCP communication</li> <li>• Custom programmable logic available</li> </ul>	
5DI 4DO IO Controller with Counter Function	YX0504-14 (RS485 + RS232)YX0504-34 (Ethernet)YM0504P-14 (PMOS Output)YM0504P-34 (Ethernet PMOS Output)	<ul style="list-style-type: none"> <li>• 5 digital inputs and 4 relay outputs</li> <li>• Supports sink/source inputs</li> <li>• Pulse, Linkage, Interlock modes</li> <li>• PMOS version supports 1~10kHz high-speed pulse output</li> <li>• Supports pulse counting and frequency measurement up to 3kHz</li> <li>• Modbus RTU/TCP communication</li> </ul>	
16-Channel Digital Input Module with Counter	ZH-YX1600-1 (RS485)ZH-YX1600-3 (Ethernet)	<ul style="list-style-type: none"> <li>• 16 digital or level signal inputs</li> <li>• Supports NPN/PNP wiring</li> <li>• High-speed opto-isolated inputs</li> <li>• 9-30VDC power supply</li> <li>• Modbus RTU / TCP communication</li> <li>• Pulse counting and frequency measurement up to 3kHz</li> </ul>	
32-Channel Digital Input Monitoring Module	ZH-YX3200-1 (RS485)ZH-YX3200-3 (Ethernet)	<ul style="list-style-type: none"> <li>• 32 digital or level signal inputs</li> <li>• Supports sink/source input mode</li> <li>• High-speed opto-isolation</li> <li>• 9-30VDC power supply</li> <li>• Modbus RTU / TCP communication</li> <li>• Adjustable baud rate and dual RS485 cascading</li> </ul>	
10-Channel High Voltage DC Relay Output Module	YD1010-14 (RS485 + RS232)YD1010-34 (Ethernet)	<ul style="list-style-type: none"> <li>• 10 independent 200VDC / 20A relay outputs</li> <li>• 10 digital inputs</li> <li>• LED indicators for all channels</li> <li>• Multiple relay operation modes</li> <li>• Modbus RTU / TCP communication</li> <li>• 24VDC powered</li> </ul>	
24-Channel Relay Output Module	ZH-YX0024-1 (RS485)ZH-YX0024-3 (Ethernet + RS485)	<ul style="list-style-type: none"> <li>• 24 relay outputs (Normally Open)</li> <li>• LED status indicators and display panel</li> <li>• 12VDC or 24VDC supply options</li> <li>• Modbus RTU / TCP communication</li> <li>• Plug-in terminals for easy wiring</li> <li>• Pulse, Flashing, Linkage, Counter and Fail-safe functions</li> </ul>	
16DI 16DO Compact IO Controller Module	ZH-YX1616E-1 (RS485)ZH-YX1616E-3 (Ethernet)	<ul style="list-style-type: none"> <li>• 16 digital inputs and 16 relay outputs</li> <li>• Supports NPN, PNP and dry contact inputs</li> <li>• Compact embedded board design</li> <li>• Multiple relay modes</li> <li>• Modbus RTU / TCP communication</li> <li>• 4-channel high-speed counting, up to 10kHz</li> </ul>	
8 Analog Inputs + 8 IO Controller Module	ZH-YI0808I8-14N (RS485)ZH-YI0808I8-34N (Ethernet)	<ul style="list-style-type: none"> <li>• 8 digital inputs and 8 relay outputs</li> <li>• 8 differential analog inputs: 0-5V, 0-10V, 0-20mA, 4-20mA</li> <li>• Accuracy: 0.1%</li> <li>• Adjustable sampling rate: 16ms to 512ms</li> <li>• 1MΩ input impedance, 30ppm temperature drift</li> <li>• Supports pulse counting customization</li> <li>• Multiple relay control modes</li> <li>• Modbus RTU / Modbus TCP communication</li> </ul>	