

Industrial Automation Products

Empowering industrial intelligence with precision I/O, advanced connectivity, and signal interface solutions designed for harsh environments.



S.No	Category	Scope & Key Industrial Application
1	Modbus I/O Modules	Industrial RS-485 Modbus RTU remote I/O expansion modules designed for PLC expansion, SCADA integration, and harsh automation environments. 🖱️ ModViz Configuration Tool: https://veawe.io/modviz
2	Isolated Analog Converters	High-performance galvanic signal isolators, splitters, and high-voltage DC transducers engineered to eliminate ground loops, protect sensitive control systems, and convert industrial instrumentation signals.
3	Signal Transducers	Precision DIN rail signal conditioning transmitters designed for load cells, RTD temperature sensors, thermocouples, and potentiometers.
4	Signal Simulators	Portable and panel-mountable process signal calibrators and loop simulators for testing PLCs, DCS systems, panel meters, and analog field instruments.
5	Serial Converters	Industrial serial communication interfaces, repeaters, optical isolators, and Ethernet-to-serial device servers designed for robust machine communication.
6	Surge Protection Devices	Heavy-duty DIN rail surge protection devices (SPDs) designed to safeguard sensitive control electronics against lightning strikes, transient overvoltages, and inductive switching surges.
7	Protocol Converters	Industrial protocol translation gateways designed to bridge specialized utility protocols with standard automation networks.
8	Automation Accessories	Essential industrial panel accessories including high-visibility LED signal tower lights, SMPS and DC-DC power modules, Relay and SSR modules, and reliable PLC programming cables.

1. Modbus I/O Modules

Industrial RS-485 Modbus RTU remote I/O expansion modules designed for PLC expansion, SCADA integration, and harsh automation environments. 🖱️ **ModViz Configuration Tool:** <https://veawe.io/modviz>

S.No	Part No.	Product Description & Key Specifications	Visual
1.1	MIO-1LD	Loadcell to Modbus Transmitter 1 channel • Strain Gauge Bridge (1mV/V, 2mV/V, 3mV/V) • RS485 • 24V DC	
1.2	MIO-2AI-VI	2 Channel Analog Input Modbus RTU RS485 Module 2 channel • 0 to 10V, 0 to 20mA • Modbus RTU (RS485) • 16 bit • 24V DC	
1.3	MIO-DES1	temperature humidity sensors to Modbus RTU RS485 RS485 • 24V DC	
1.4	MIO-ISO-2DI	2 Channel Digital Input Modbus RTU RS485 Module 2 channel • Modbus RTU (RS485) • Isolated Inputs • 24V DC	
1.5	MIO-ISO-2DO	2 Channel Digital Output Modbus RTU RS485 Module 2 channel • Modbus RTU (RS485) • Isolated Outputs • 24V DC	
1.6	UIO-12DI-12DO	UIO 12DI 12DO Modbus Module 12 channel, 24 channel • NPN, PNP • Modbus RTU (RS485) • 24V DC	
1.7	UIO-24DI	UIO- 24DI Modbus Module 24 PNP Digital Inputs with Latched Counters • Modbus RTU (RS485) • 24V DC	
1.8	UIO-24DI-24DO	UIO 24DI 24DO Modbus Module 24 PNP Digital Inputs & 24 NPN Outputs • Modbus RTU (RS485) • 24V DC	
1.9	UIO-24DO	UIO- 24DO Modbus Module 24 NPN Digital Transistor Outputs • Modbus RTU (RS485) • 24V DC Supply	
1.10	UIO-48DI	UIO- 48DI Modbus Module 48 PNP Digital Inputs • Modbus RTU (RS485) • 24V DC Supply • High-Density DIN Rail	
1.11	UIO-2AO-20MA	2CH Modbus to 20mA Analog Output 2 channel • Modbus RTU • 16 bit • 24V DC	
1.12	UIO-4AI-4DI-4RO-20MA	UIO- 4AI 4DI 4RO Modbus Module 12 channel • 0 to 20mA, 4 to 20mA • Modbus RTU (RS485) • 16 bit • 24V DC	
1.13	UIO-4AO-20MA	4CH Modbus to 20mA Analog Output 4 channel • 0-20mA, 4-20mA • Modbus RTU (RS485) • 12 bit • Isolated RS485 • 24V DC	
1.14	UIO-4DI-4DO	4 Digital Input 4 Digital Output Modbus Module 8-channel • RS485	
1.15	UIO-4IN-10V	4 Channel 10v Modbus 4 channel • Modbus RTU (RS485) • 12 bit • 24V DC	

S.No	Part No.	Product Description & Key Specifications	Visual
1.16	UIO-4IN-20MA	4 Channel 20mA Modbus 4-Channel 4-20mA Analog Input Module • 16-bit ADC • Modbus RTU • 24V DC	
1.17	UIO-8DI	8 Input Modbus Module 8 Digital Inputs with Latched Counters • Modbus RTU (RS485) • 24V DC	
1.18	UIO-8DO	8 Output Modbus Module 8-channel • NPN • Modbus RTU (RS485) • Isolated Outputs • 24V DC	
1.19	UIO-8IN-20MA	8 Channel 20mA Modbus Input Module 8-Channel 4-20mA Analog Input Module • 16-bit ADC • Modbus RTU • 24V DC	
1.20	UIO-8IN-VI	4 Channel 20mA 4 Channel 10V Modbus Input Module 8-Channel Analog Input (4x 20mA + 4x 10V) • 16-bit ADC • Modbus RTU • 24V DC	

2. Isolated Analog Converters

High-performance galvanic signal isolators, splitters, and high-voltage DC transducers engineered to eliminate ground loops, protect sensitive control systems, and convert industrial instrumentation signals.

S.No	Part No.	Product Description & Key Specifications	Visual
2.1	AC-10V-10V	Isolated Analog Signal Converter 10V - 10V 0-10V Input to 0-10V Output • 2-Port Galvanic Voltage Signal Isolator • 24V DC	
2.2	AC-150V-10V	Isolated Analog Signal Converter 150V to 10V 0-150V DC High Voltage Input to 0-10V Output • 2-Port Galvanic Isolation • 24V DC	
2.3	AC-150V-420	Isolated Analog Signal Converter 150V to 20mA 0-150V DC High Voltage Input to 4-20mA Output • 2-Port Galvanic Isolation • 24V DC	
2.4	AC-20mA-2	Isolated 20mA splitter 4-20mA Loop Splitter (1 Input to 2 Isolated 4-20mA Outputs) • 2-Port Isolation • 24V DC	
2.5	AC-300V-10V	Isolated Analog Signal Converter 300V to 10V 0-300V DC High Voltage Input to 0-10V Output • 2-Port Galvanic Isolation • 24V DC	
2.6	AC-420-420	Signal Isolator 4 20ma 4-20mA Input to 4-20mA Output • 2-Port Galvanic Current Loop Isolator • 24V DC	
2.7	AC-70V-10V	Isolated Analog Signal Converter 70V to 10V 0-70V DC High Voltage Input to 0-10V Output • 2-Port Galvanic Isolation • 24V DC	
2.8	AC-70V-420	Isolated Analog Signal Converter 70V to 20mA 0-70V DC High Voltage Input to 4-20mA Output • 2-Port Galvanic Isolation • 24V DC	

S.No	Part No.	Product Description & Key Specifications	Visual
2.9	AC-75mV-420	Isolated Analog Signal Converter 75mV to 20mA 0-75mV DC Shunt Input to 4-20mA Output • Galvanically Isolated Transmitter • 24V DC	
2.10	AC-B75mV-420	Isolated Analog Signal Converter ±75mV to 20mA ±75mV Bipolar DC Shunt Input to 4-20mA Output • Bi-directional Shunt Monitoring	

3. Signal Transducers

Precision DIN rail signal conditioning transmitters designed for load cells, RTD temperature sensors, thermocouples, and potentiometers.

S.No	Part No.	Product Description & Key Specifications	Visual
3.1	AC-LD-10	Loadcell Amplifier - 0-10V Precision Load Cell Amplifier • 0-10V Output • Supports 1, 2, 3 mV/V Load Cells • 24V DC	
3.2	AC-LD-20mA	Load Cell Amplifier Module 0–20mA / 4–20mA DIN Rail Signal Transmitter Precision Load Cell Transmitter • 4-20mA Output • Supports 1, 2, 3 mV/V Load Cells • 24V DC	
3.3	AC-LD-B10	Loadcell Amplifier - ±10V Bipolar Load Cell Transmitter • ±10V Output • Tension & Compression Force Weighing	
3.4	AC-PT100-420	Isolated Analog Signal Converter Pt 100 Pt100 RTD Temperature Transmitter • 3-Port Galvanic Isolation • 4-20mA Output • 2/3-Wire RTD • DIN Rail	
3.5	AC-PT1000-420	Isolated Analog Signal Converter Pt 1000 Pt1000 RTD Temperature Transmitter • 3-Port Galvanic Isolation • 4-20mA Output • 2/3-Wire RTD • High Accuracy	
3.6	AC-RES-420	Isolated Analog Signal Converter Resistance to 20mA Potentiometer / Resistance to 4-20mA Transmitter • 3-Port Galvanic Isolation • 3-Wire Resistance Interface	
3.7	AC-TCJ-420	Isolated Analog Signal Converter J Type J-Type Thermocouple Transmitter • 3-Port Galvanic Isolation • 4-20mA Output • Cold Junction Compensated	
3.8	AC-TCK-420	Isolated Analog Signal Converter K Type K-Type Thermocouple Transmitter • 3-Port Galvanic Isolation • 4-20mA Output • Cold Junction Compensated	

4. Signal Simulators

Portable and panel-mountable process signal calibrators and loop simulators for testing PLCs, DCS systems, panel meters, and analog field instruments.

S.No	Part No.	Product Description & Key Specifications	Visual
4.1	USS10V24V-D	Voltage Source Simulator 0-10V 0-10V Voltage Source Simulator & Calibrator • Digital LCD Display • 24V DC Supply	
4.2	USS20M230V-D	Current Source Simulator –230VAC Input Supply (0 - 20mA) 0-20mA / 4-20mA Current Source Simulator • 230V AC Supply • Digital LCD Display	
4.3	USS20M24V-D	Current Source Simulator 0/4 to 20mA 0-20mA / 4-20mA Current Source Simulator • 24V DC Supply • Digital LCD Display	
4.4	ULS20M24V-P	Loop Current Source Simulator Loop-Powered 4-20mA Current Simulator (2-Wire Transmitter Simulation) • 12-24V DC	
4.5	USS20M24V-2P	Dual Output Current Source Simulator 0 to 20mA Dual Output 0-20mA / 4-20mA Current Source Simulator • Dual Potentiometers • 24V DC	
4.6	USS20M24V-P	Current Source Simulator Without Display 0-20mA / 4-20mA Current Source Simulator • Precision Multi-turn Dial • 24V DC	

5. Serial Converters

Industrial serial communication interfaces, repeaters, optical isolators, and Ethernet-to-serial device servers designed for robust machine communication.

S.No	Part No.	Product Description & Key Specifications	Visual
5.1	UC-ISO-232-232	Isolated RS232 To RS232 Repeater Isolated RS-232 to RS-232 Repeater • 2.5kVrms Optical Signal Isolation • DIN Rail	
5.2	UC-ISO-232-485	Isolated RS232 To RS485 Isolated RS-232 to RS-485 Converter • 2.5kVrms Isolation • DIN Rail Mount	
5.3	UC-ISO-485-485	Isolated RS485 To RS485 Isolated RS-485 to RS-485 Repeater • 2.5kVrms Isolation • Bus Distance Extension	
5.4	UC-RS232-RS485	RS232 to RS485 Converter RS-232 to RS-485 Converter • Auto-Direction Control (No Flow Control Needed) • DIN Rail	
5.5	UC-RS485-RS485	RS485 to RS485 Repeater RS-485 to RS-485 Repeater • Up to 256 Receivers • 300 to 250 kBaud Auto-Baud	
5.6	UC-ETH-RS232-D	Ethernet Dual RS232 Converter Dual Port RS-232 to Ethernet Serial Device Server • 2x Independent RS-232 Ports	
5.7	UC-ETH-RS485	Ethernet to RS485 Converter Ethernet to RS-485 Modbus Gateway • Modbus TCP to RTU Translation • 10/100M LAN	

S.No	Part No.	Product Description & Key Specifications	Visual
5.8	UC-ETH-RS485-D	Ethernet to Dual RS485 Converter <i>Dual Port RS-485 to Ethernet Modbus Gateway • 2x Independent RS-485 Ports</i>	
5.9	UC-ISO-USB-24V	Isolated USB Repeater <i>Isolated USB Repeater • 5kVrms Isolation • 24V DC Field Power • DIN Rail Mount</i>	
5.10	UC-ISO-RS485	USB to ISO RS485 Converter <i>Isolated USB to RS-485 Converter • 2.5kVrms Signal & 1kVrms Power Isolation</i>	
5.11	UC-RS232	USB to RS232 Converter <i>Industrial USB to RS-232 Converter • DB9 Male • High-Speed FTDI Architecture</i>	
5.12	UC-RS485	USB to RS485 Converter <i>Industrial USB to RS-485 Converter • FTDI Chipset • 2.5kV ESD Protection • USB Powered</i>	

6. Surge Protection Devices

Heavy-duty DIN rail surge protection devices (SPDs) designed to safeguard sensitive control electronics against lightning strikes, transient overvoltages, and inductive switching surges.

S.No	Part No.	Product Description & Key Specifications	Visual
6.1	SPD-20MA	4-20mA Surge Protection Device SPD 4 to 20mA <i>4-20mA Current Loop Surge Protector • 3-Stage Gas Discharge & Clamping • DIN Rail</i>	
6.2	SPD-230V-AC	Surge Protection Device 230V SPD / Single Phase SPD <i>230V AC Single Phase Surge Protector • L-N-PE Protection (310V DC Max) • DIN Rail</i>	
6.3	SPD-24V-DC	Surge Protection Device 24V DC SPD <i>24V DC Power Line Surge Protector • 3-Stage Transient Clamping • DIN Rail</i>	
6.4	SPD-RS485	Surge Protection Device RS485 <i>RS-485 / Modbus Fieldbus Surge Protector • 5V Differential Line Protection • DIN Rail</i>	

S.No	Part No.	Product Description & Key Specifications	Visual
6.5	SPD-ETH-RJ45	Ethernet Surge Protection Device <i>Gigabit Ethernet Surge Protector • RJ45 Interface • 10/100/1000 Mbps • DIN Rail</i>	

7. Protocol Converters

Industrial protocol translation gateways designed to bridge specialized utility protocols with standard automation networks.

S.No	Part No.	Product Description & Key Specifications	Visual
7.1	UPC-DLMS-RS485	DLMS to Modbus Converter <i>DLMS/COSEM Energy Meter to Modbus RTU Gateway • RS485/RS232/Optical DLMS Port</i>	

8. Automation Accessories

Essential industrial panel accessories including high-visibility LED signal tower lights, SMPS and DC-DC power modules, Relay and SSR modules, and reliable PLC programming cables.

S.No	Part No.	Product Description & Key Specifications	Visual
8.1	USB-DVP-8PIN	Delta Plc Programming Cable DIN 8 <i>Delta DVP Series PLC Programming Cable • USB to 8-Pin Mini-DIN • 3m Cable</i>	
8.2	USB-SC09-FX	Mitsubishi Plc Programing Cable <i>Mitsubishi FX Series PLC Programming Cable • USB to RS-422 Interface • 3m Cable</i>	
8.3	TWR-GRN-12V	Industrial LED Tower Light Green 12V AC/DC <i>Industrial LED Tower Light • Green Color • 12V AC/DC • High Visibility Beacon</i>	
8.4	TWR-GRN-24V	Industrial LED Tower Light Green 24V AC/DC <i>Industrial LED Tower Light • Green Color • 24V AC/DC • High Visibility Beacon</i>	
8.5	TWR-ORG-12V	Industrial LED Tower Light Orange 12V AC/DC <i>Industrial LED Tower Light • Orange Color • 12V AC/DC • High Visibility Beacon</i>	
8.6	TWR-ORG-24V	Industrial LED Tower Light Orange 24V AC/DC <i>Industrial LED Tower Light • Orange Color • 24V AC/DC • High Visibility Beacon</i>	

S.No	Part No.	Product Description & Key Specifications	Visual
8.7	TWR-RED-12V	Industrial LED Tower Light RED 12V AC/DC <i>Industrial LED Tower Light • Red Color • 12V AC/DC • High Visibility Beacon</i>	
8.8	TWR-RED-24V	Industrial LED Tower Light RED 24V AC/DC <i>Industrial LED Tower Light • Red Color • 24V AC/DC • High Visibility Beacon</i>	
8.9	TWR-RG-12V	Industrial LED Dual Tower Light RED/GREEN 12V AC/DC <i>Industrial Dual LED Tower Light • Red & Green • 12V AC/DC • 35mm Mount</i>	
8.10	TWR-RG-24V	Industrial LED Dual Tower Light RED/GREEN 24V AC/DC <i>Industrial Dual LED Tower Light • Red & Green • 24V AC/DC • 35mm Mount</i>	

Corporate Overview & Technical Support

Division	Contact & Operational Details
Company	Veawe Info Dynamics Pvt Ltd
Core Focus	Industrial Automation, Remote I/O, Signal Conditioning & Embedded IoT Solutions
Engineering & Customization	Custom OEM firmware, modified ranges, and custom configurations
Documentation	Datasheet, Full pinouts, connection schematics, etc,. https://veawe.io/docs
Tools	ModViz configuration software: https://veawe.io/modviz
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