

Expandability On-Board, Local, & Remote I/Os

Select the perfect combination of Uni-I/O™ modules and configure them to fit your application. Snap up to 5 modules on a 10.4" or 15.6" HMI panel, up to 3 on a 7" panel. Expand further either locally or remotely.



| | Articles Number | Inputs | | | | Outputs | | | |
|------------------------|--------------------------|--------------------------|--------------------------------|--------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------|-----------|--------------------------------------------------------------------------------|
| | | Digital (Isolated) | HSC/Shaft-encoder ⁴ | Analog | Temperature Measurement | Transistor ⁵ (Isolated) | PWM/HSO ⁵ | Relay | Analog |
| Digital | UID-1600 | 16 Sink/Source | — | — | — | — | — | — | — |
| | UID-0808T | 8 Sink/Source | — | — | — | 8 Source(pnp) | — | — | — |
| | UID-W1616T ³ | 16 Sink/Source | — | — | — | 16 Source(pnp) | — | — | — |
| | UID-0808THS ¹ | 8 Sink/Source | 2 250kHz 32-bit | — | — | 8 Source(pnp) | 2 ² 250kHz 2 3kHz | — | — |
| | UID-0016T | — | — | — | — | 16 Source(pnp) | — | — | — |
| | UID-0808R | 8 Sink/Source | — | — | — | — | — | 8 | — |
| | UID-W1616R ³ | 16 Sink/Source | — | — | — | — | — | 16 | — |
| | UID-0016R | — | — | — | — | — | — | 16 | — |
| Analog and Temperature | UIA-0006 | — | — | — | — | — | — | — | 6 0-10V 14-bit ±10V 13-bit+sign 0-20mA, 4-20mA 13-bit |
| | UIA-0402N | — | — | 4 0-10V, 0-20mA, 4-20mA 13-bit | — | — | — | — | 2 0-10V 14-bit ±10V 13-bit+sign 0-20mA, 4-20mA 13-bit |
| | UIA-0800N | — | — | 8 0-10V, 0-20mA, 4-20mA 13-bit | — | — | — | — | — |
| | UIS-04PTN | — | — | — | 4 PT100/Ni100/Ni120 | — | — | — | — |
| | UIS-08TC | — | — | — | 8 Thermocouple | — | — | — | — |
| Digital/Analog | UIS-WCB1 ^{1,3} | 10 Sink/Source | 2 10kHz 32bit | 2 (Isolated) 0-10V, 0-20mA, 4-20mA 14-bit | 2 (Isolated) Thermocouple, PT100/Ni100/Ni120 | 2 ⁶ Sink (npn) | 2 250kHz | 8 | 2 0-10V 14-bit ±10V 13-bit+sign 0-20mA, 4-20mA 13-bit |
| | UIS-WCB2 ^{1,3} | 10 Sink/Source | 2 10kHz 32bit | 2 (Isolated) 0-10V, 0-20mA, 4-20mA 14-bit | 2 (Isolated) Thermocouple, PT100/Ni100/Ni120 | 8 Source (pnp) 2 ⁶ Sink (npn) | 2 250kHz (Sink outputs only) | — | 2 0-10V 14-bit ±10V 13-bit+sign 0-20mA, 4-20mA 13-bit |

1. This module utilizes two high speed blocks that can each be assigned either to the inputs or to the outputs.

2. 2 outputs are high-speed, up to 250kHz; function as normal or high-speed PWM (same freq. and different duty-cycles). 2 outputs are normal speed; function as normal-speed PWM outputs (same freq. and same duty cycle).

3. Width: 1 "wide" I/O module = 1.5 "slim" I/O modules

4. Note that the high-speed inputs are included in the total number of digital inputs.

5. Note that the high-speed outputs are included in the total number of digital outputs.

6. Not isolated

DIN Rail Power Supplies

| | |
|------------|--------------|
| UAP-24V24W | 24W 24V 1A |
| UAP-24V60W | 60W 24V 2.5A |
| UAP-24V96W | 96W 24V 4A |

Modem

| | |
|----------------|---------------------------------|
| GSM-KIT-17J-3G | Cinterion GPRS modem, EHS6T, 3G |
|----------------|---------------------------------|