The V200-18-E4XB plugs directly into the back of compatible Unitronics OPLCs, creating a self-contained PLC unit with a local I/O configuration.

Features
- 18 isolated digital inputs, includes 2 H.S.C inputs, type pnp/npn (source/sink)
- 15 isolated pnp (source) outputs
- 2 isolated pnp/npn (source/sink) transistor outputs, includes 2 H.S. outputs
- 4 isolated analog/PT100/TC inputs
- 4 isolated analog outputs

Before using this product, it is the responsibility of the user to read and understand this document and any accompanying documentation.

All examples and diagrams shown herein are intended to aid understanding, and do not guarantee operation. Unitronics accepts no responsibility for actual use of this product based on these examples.

Please dispose of this product in accordance with local and national standards and regulations.

Only qualified service personnel should open this device or carry out repairs.

User safety and equipment protection guidelines

This document is intended to aid trained and competent personnel in the installation of this equipment as defined by the European directives for machinery, low voltage, and EMC. Only a technician or engineer trained in the local and national electrical standards should perform tasks associated with the device’s electrical wiring.

Symbols are used to highlight information relating to the user’s personal safety and equipment protection throughout this document. When these symbols appear, the associated information must be read carefully and understood fully.

- Danger
  - The identified danger causes physical and property damage.
- Warning
  - The identified danger can cause physical and property damage.
- Caution
  - Use caution.

Failure to comply with appropriate safety guidelines can result in severe personal injury or property damage. Always exercise proper caution when working with electrical equipment.

- Check the user program before running it.
- Do not attempt to use this device with parameters that exceed permissible levels.
- Install an external circuit breaker and take appropriate safety measures against short-circuiting in external wiring.
- To avoid damaging the system, do not connect / disconnect the device when the power is on.

Caution
- Ascertain that terminal blocks are properly secured in place.

Environmental Considerations

- Do not install in areas with: excessive or conductive dust, corrosive or flammable gas, moisture or rain, excessive heat, regular impact shocks or excessive vibration.
- Provide proper ventilation by leaving at least 10mm of space between the top and bottom edges of the device and the enclosure walls.
- Do not place in water or let water leak onto the unit.
- Do not allow debris to fall inside the unit during installation.
Wiring

- Do not touch live wires.
- Unused pins should not be connected. Ignoring this directive may damage the device.
- Do not connect the ‘Neutral’ or ‘Line’ signal of the 110/220VAC to the device’s 0V pin.
- Double-check all wiring before turning on the power supply.

Wiring Procedures
Use crimp terminals for wiring; use 26-12 AWG wire (0.13 mm²–3.31 mm²) for all wiring purposes.

1. Strip the wire to a length of 7±0.5mm (0.250–0.300 inches).
2. Unscrew the terminal to its widest position before inserting a wire.
3. Insert the wire completely into the terminal to ensure that a proper connection can be made.
4. Tighten enough to keep the wire from pulling free.
   - To avoid damaging the wire, do not exceed a maximum torque of 0.5 N·m (5 kgf·cm).
   - Do not use tin, solder, or any other substance on stripped wire that might cause the wire strand to break.
   - Install at maximum distance from high-voltage cables and power equipment.

I/O Wiring—General

- Input or output cables should not be run through the same multi-core cable or share the same wire.
- Allow for voltage drop and noise interference with input lines used over an extended distance. Use wire that is properly sized for the load.

Digital Inputs

Each group of 9 inputs has a common signal. Each group can be used as either pnp (source) or npn (sink), when appropriately wired as shown in the following figures.

Inputs I0 and I2 can be used as normal digital inputs, as high-speed counters, or as part of a shaft encoder. Inputs I1 and I3 can be used as normal digital inputs, as high-speed counter resets, or as part of a shaft encoder.
npn (sink) digital input wiring

pnp (source) digital input wiring

npn (sink) high-speed counter

pnp (source) high-speed counter

Inputs I0, I1, and I2, I3 can be used as shaft encoders as shown below.

npn (sink) shaft encoder wiring

pnp (source) shaft encoder wiring
Digital Outputs

Wiring Power Supplies

Use a 24VDC power supply for all digital outputs.

1. Connect the "positive" lead to the "V0" and "V1" terminal, and the "negative" lead to the common "0V" terminal.
   - V0 provides the power supply for Outputs #0, 1, 2, 3, 4, 5, 6, 7, and 8.
   - V1 provides the power supply for Outputs #9, 10, 11, 12, 13, 14, 15, and 16.
   - In the event of voltage fluctuations or non-conformity to voltage power supply specifications, connect the device to a regulated power supply.

Transistor Outputs

- Outputs 0 and 1 can function as either npn or pnp, in accordance with jumper settings and wiring. Open the device and set the jumpers according to the instructions beginning on page 8.
- Outputs 2 to 16 function as pnp only.
- The 0V signal of the transistor outputs is isolated from the controller's 0V signal.
Analog I/O Power Supplies

Use a 24VDC power supply for all analog input and output modes.

1. Connect the "positive" cable to the "VA" terminal, and the "negative" to the "0V" terminal.
   - In the event of voltage fluctuations or non-conformity to voltage power supply specifications, connect the device to a regulated power supply.
   - Since the analog I/O power supply is isolated, the controller’s 24VDC power supply may also be used to power the analog I/Os.

⚠️ The 24VDC power supply must be turned on and off simultaneously with the controller’s power supply.
Analog / PT100 / TC Inputs

- Each input may be set as either analog, RTD, or thermocouple. To set an input:
  - Use the appropriate wiring as shown below.
  - Open the device and set the jumpers according to the instructions beginning on page 8.
- Shields should be connected at the signal source.
- In order to function correctly, the analog power supplies must be wired as shown on page 5.
- To ensure proper performance, a warm-up period of a half an hour is recommended.

**Analog Inputs**

- Inputs may be wired to work with either current or voltage.
- When set to current/voltage, all inputs share a common ACM signal.

**RTD Inputs**

1. Wire one lead of each RTD input to the common signal (CM) as shown below.
2. 4 wire PT100 can be used by leaving one of the sensor leads unconnected.

**PT100**
Thermocouple Inputs

- Inputs may be set to mV by software settings (Hardware Configuration); note that in order to set mV inputs, thermocouple jumper settings are used.

Analog Outputs

- Shields should be earthed, connected to the earth of the cabinet.
- An output can be wired to either current or voltage.
  - Use the appropriate wiring as shown below.
  - Open the device and set the jumpers according to the instructions beginning on page 8.
- To ensure proper performance, a warm-up period of a half an hour is recommended.
Changing Jumper Settings

To access the jumpers, you must remove the snap-in I/O module from the controller, and then remove the module’s PCB board. Before you begin, turn off the power supply, disconnect and dismount the controller.

- Before performing these actions, touch a grounded object to discharge any electrostatic charge.
- Avoid touching the PCB board directly by holding the PCB board by its connectors.

Accessing the Jumpers

First, remove the snap-in module.

1. Locate the 4 buttons on the sides of the module, two on either side. Press the 2 buttons on either side of the module as shown, and hold them down to open the locking mechanism.

2. Gently rock the module from side to side, easing the module from the controller.

3. Using a Philips screwdriver, remove the center screw, shown in the figure below, from the module’s upper PCB board. Do not remove any other screws.

4. Holding the PCB board by its edges, gently lift it out of the module.
Select the desired function by changing the jumper settings according to the figure and tables shown below.

### Analog Input Jumpers

<table>
<thead>
<tr>
<th>Jumper #</th>
<th>Voltage</th>
<th>Current</th>
<th>T/C or mV</th>
<th>PT100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analog input 3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>A</td>
<td>B</td>
<td>B</td>
<td>A</td>
</tr>
<tr>
<td>13</td>
<td>A</td>
<td>B</td>
<td>B</td>
<td>A</td>
</tr>
<tr>
<td>12</td>
<td>A</td>
<td>A</td>
<td>B</td>
<td>B</td>
</tr>
</tbody>
</table>

Bottom PCB board

<table>
<thead>
<tr>
<th>Jumper #</th>
<th>Voltage</th>
<th>Current</th>
<th>T/C or mV</th>
<th>PT100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analog input 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>A</td>
<td>B</td>
<td>B</td>
<td>A</td>
</tr>
<tr>
<td>10</td>
<td>A</td>
<td>A</td>
<td>B</td>
<td>B</td>
</tr>
<tr>
<td>9</td>
<td>A</td>
<td>A</td>
<td>B</td>
<td>B</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Jumper #</th>
<th>Voltage</th>
<th>Current</th>
<th>T/C or mV</th>
<th>PT100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analog input 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>A</td>
<td>B</td>
<td>B</td>
<td>A</td>
</tr>
<tr>
<td>7</td>
<td>A</td>
<td>B</td>
<td>B</td>
<td>A</td>
</tr>
<tr>
<td>6</td>
<td>A</td>
<td>A</td>
<td>B</td>
<td>B</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Jumper #</th>
<th>Voltage</th>
<th>Current</th>
<th>T/C or mV</th>
<th>PT100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analog input 0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>A</td>
<td>B</td>
<td>B</td>
<td>A</td>
</tr>
<tr>
<td>4</td>
<td>A</td>
<td>B</td>
<td>B</td>
<td>A</td>
</tr>
<tr>
<td>3</td>
<td>A</td>
<td>A</td>
<td>B</td>
<td>B</td>
</tr>
</tbody>
</table>

### Digital Output Jumpers

<table>
<thead>
<tr>
<th>Jumper #</th>
<th>PNP</th>
<th>NPN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital Output 0</td>
<td>1</td>
<td>A</td>
</tr>
<tr>
<td>Digital Output 1</td>
<td>2</td>
<td>A</td>
</tr>
</tbody>
</table>

Note that Jumpers #15 & 16 are not used.
Analog Output Jumpers

<table>
<thead>
<tr>
<th>Top PCB board</th>
<th>Jumper #</th>
<th>Current</th>
<th>Voltage*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analog Output 0</td>
<td>1</td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>Analog Output 1</td>
<td>2</td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>Analog Output 2</td>
<td>3</td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>Analog Output 3</td>
<td>4</td>
<td>A</td>
<td>B</td>
</tr>
</tbody>
</table>

* Default factory setting

Reassembling the controller
1. Return the PCB board to the module and secure the center screw.
2. Next, reinstall the module. Line the circular guidelines on the controller up with the guidelines on the Snap-in I/O Module as shown below.
3. Apply even pressure on all 4 corners until you hear a distinct ‘click’. The module is now installed. Check that all sides and corners are correctly aligned.
## V200-18-E4XB Technical Specifications

### Digital Inputs

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of inputs</td>
<td>18 (in two groups)</td>
</tr>
<tr>
<td>Input type</td>
<td>pnp (source) or npn (sink)</td>
</tr>
<tr>
<td>Galvanic isolation</td>
<td></td>
</tr>
<tr>
<td>Digital inputs to bus</td>
<td>Yes</td>
</tr>
<tr>
<td>Digital inputs to digital inputs in same group</td>
<td>No</td>
</tr>
<tr>
<td>Group to group, digital inputs</td>
<td>Yes</td>
</tr>
<tr>
<td>Nominal input voltage</td>
<td>24VDC</td>
</tr>
<tr>
<td>Input voltage pnp (source)</td>
<td>0-5VDC for Logic '0'</td>
</tr>
<tr>
<td></td>
<td>17-28.8VDC for Logic '1'</td>
</tr>
<tr>
<td>Input voltage npn (sink)</td>
<td>17-28.8VDC for Logic '0'</td>
</tr>
<tr>
<td></td>
<td>0-5VDC for Logic '1'</td>
</tr>
<tr>
<td>Input current</td>
<td>8.8mA@24VDC for inputs #0 to #3</td>
</tr>
<tr>
<td></td>
<td>6mA@24VDC for inputs #4 to #17</td>
</tr>
<tr>
<td>Response time</td>
<td>10mSec typical for outputs #0 to #3</td>
</tr>
<tr>
<td></td>
<td>2mSec typical for outputs #4 to #17</td>
</tr>
<tr>
<td>High speed inputs</td>
<td>Specifications below apply when these inputs are wired for use as a high-speed counter input/ shaft encoder. See Notes 1 and 2.</td>
</tr>
<tr>
<td>Resolution</td>
<td>32-bit</td>
</tr>
<tr>
<td>Frequency</td>
<td>10kHz maximum</td>
</tr>
<tr>
<td>Minimum pulse width</td>
<td>40µs</td>
</tr>
</tbody>
</table>

**Notes:**

1. Inputs #0 and #2 can each function as either high-speed counter or as part of a shaft encoder. In each case, high-speed input specifications apply. When used as a normal digital input, normal input specifications apply.
2. Inputs #1 and #3 can each function as either counter reset, or as a normal digital input; in either case, its specifications are those of a normal digital input. These inputs may also be used as part of a shaft encoder. In this case, high-speed input specifications apply.

### Digital Outputs

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital Output's Power Supply</td>
<td>See Note 3.</td>
</tr>
<tr>
<td>Nominal operating voltage</td>
<td>24VDC</td>
</tr>
<tr>
<td>Operating voltage</td>
<td>20.4 to 28.8VDC</td>
</tr>
<tr>
<td>Quiescent current</td>
<td>20mA@24VDC</td>
</tr>
<tr>
<td>Max. current consumption</td>
<td>80mA@24VDC. See Note 4.</td>
</tr>
<tr>
<td>Galvanic isolation</td>
<td></td>
</tr>
<tr>
<td>Digital power supply to bus</td>
<td>Yes</td>
</tr>
<tr>
<td>Digital power supply to transistor outputs</td>
<td>No</td>
</tr>
</tbody>
</table>

**Notes:**

3. V0 provides the power supply for Outputs #0, 1, 2, 3, 4, 5, 6, 7 and 8. V1 provides the power supply for Outputs #9, 10, 11, 12, 13, 14, 15 and 16. V0 and V1 share a common 0V signal.
4. Maximum current consumption does not provide for pnp output requirements. The additional current requirement of pnp outputs must be added.
Transistor Outputs
Number of outputs 17 (in two groups). See Note 5.
Output type
Outputs #0 and #1 pnp: P-MOSFET (open drain)
npn: N-MOSFET (open drain)
Each can be individually set as pnp (source) or npn (sink) via wiring and jumper settings
Outputs #2 to #16 pnp: P-MOSFET (open drain)

Galvanic isolation
Transistor outputs to bus Yes
Transistor outputs to transistor outputs No
Group to group No
Output current pnp: 0.5A maximum per output, total maximum current for each group: 3A.
npn: 50mA maximum per output
Maximum frequency Resitive load
20Hz
Inductive load
0.5Hz
High-speed output maximum frequency (resistive load). See Note 6
pnp: 2kHz
npn: 50kHz
ON voltage drop pnp: 0.5VDC maximum
npn: 0.4VDC maximum
Short circuit protection Yes (pnp only)
npn (sink) power supply See Digital Output's Power Supply above
Operating voltage 3.5V to 28.8VDC, unrelated to the voltage of either the I/O module or the controller

Notes:
5. Outputs #0, 1, 2, 3, 4, 5, 6, 7 and 8 share a common power signal. Outputs #8, 9, 10, 11, 12, 13, 14, 15 and 16 share a common power signal. All outputs share a common 0V signal.
6. Output #0 and 1 may be used as high-speed outputs.

Analog I/O’s Power Supply
Nominal operating voltage 24VDC
Operating voltage 20.4 to 28.8VDC
Quiescent current 70mA@24VDC
Max. current consumption 130mA@24VDC
Galvanic isolation
Analog power supply to bus Yes
Analog power supply to analog inputs Yes
Analog power supply to analog outputs Yes
Analog/PT100/TC Inputs
Number of inputs 4
Type of input Set via appropriate wiring and jumper settings.

Analog Inputs Power Supply
Galvanic isolation
Analog/PT/TC inputs to bus Yes
Analog/PT/TC inputs to analog outputs Yes
Analog/PT/TC inputs to Analog/PT/TC inputs No

Analog inputs
Input range 0-10V, 0-20mA, 4-20mA
Power supply See Analog I/O’s Power Supply above
Conversion method Successive approximation
Resolution at 0-10V, 0-20mA 14-bit (16384 units). See Note 7.
Resolution at 4-20mA 3277 to 16383 (13107 units). See Note 7.
Conversion time Synchronized to cycle time
Input impedance >1MΩ—voltage
121.5Ω—current
Absolute maximum rating ±20V—voltage
±40mA—current
Full-scale error ±0.4%
Linearity error ±0.04%
Status indication Yes. See Note 8

Notes:
7. 12 or 14-bit resolution may be selected via software.
8. The analog value can indicate faults as shown below:

<table>
<thead>
<tr>
<th>Value</th>
<th>Possible Cause</th>
</tr>
</thead>
<tbody>
<tr>
<td>16384</td>
<td>Input value deviates slightly above the input range</td>
</tr>
<tr>
<td>32767</td>
<td>Input value deviates greatly above or below the input range</td>
</tr>
<tr>
<td></td>
<td>Power supply disconnected</td>
</tr>
</tbody>
</table>
PT100 inputs
Input range -200 to 600°C/-328 to 1100°F, 1 to 320Ω. See Note 9.
Conversion method Voltage to frequency
Resolution 0.1°C/0.1°F
Conversion time 200mS minimum per channel, depending on software filter type
Input impedance >10MΩ
Auxiliary current for PT100 150µA typical
Full-scale error ±0.4%
Linearity error ±0.04%
Status indication Yes. See Note 10.

Notes:
9. The device can also measure resistance with the range of 1-320 Ω at a resolution of 0.1 Ω.
10. The analog value can indicate faults as shown below:

<table>
<thead>
<tr>
<th>Value</th>
<th>Possible Cause</th>
</tr>
</thead>
<tbody>
<tr>
<td>32767</td>
<td>- Sensor is not connected to input</td>
</tr>
<tr>
<td></td>
<td>- Value exceeds permissible range</td>
</tr>
<tr>
<td></td>
<td>- Power supply disconnected</td>
</tr>
<tr>
<td>-32767</td>
<td>Sensor is short-circuited</td>
</tr>
</tbody>
</table>

Thermocouple inputs
Input range As shown in the table on page 15. See Note 11.
Conversion method Voltage to frequency
Resolution 0.1°C/0.1°F maximum
Conversion time 100mS minimum per channel, depending on software filter type
Input impedance >10MΩ
Cold junction compensation Local, automatic
Cold junction compensation error ±1.5°C / ±2.7°F maximum
Absolute maximum rating ±0.6VDC
Full-scale error ±0.4%
Linearity error ±0.04%
Warm-up time ½ hour typically, ±1°C/±1.8°F repeatability
Status indication Yes. See Note 12.

Notes:
11. The device can also measure voltage within the range of -5 to 56mV, at a resolution of 0.01mV.
The device can also measure raw value frequency at a resolution of 14-bits(16384)
12. The analog value can indicate faults as shown below:

<table>
<thead>
<tr>
<th>Value</th>
<th>Possible Cause</th>
</tr>
</thead>
<tbody>
<tr>
<td>32767</td>
<td>- Sensor is not connected to input</td>
</tr>
<tr>
<td></td>
<td>- Sensor value exceeds the maximum value</td>
</tr>
<tr>
<td></td>
<td>- Power supply disconnected</td>
</tr>
<tr>
<td>-32767</td>
<td>Sensor value is under the minimum value</td>
</tr>
</tbody>
</table>
Table 1: Thermocouple input ranges

<table>
<thead>
<tr>
<th>Type</th>
<th>Temperature range</th>
<th>Wire Color</th>
<th>ANSI (USA)</th>
<th>BS 1843 (UK)</th>
</tr>
</thead>
<tbody>
<tr>
<td>mV</td>
<td>-5 to 56mV</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>B</td>
<td>200 to 1820°C (300 to 3276°F)</td>
<td>+Grey</td>
<td>+None</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>-Red</td>
<td>-Blue</td>
<td></td>
</tr>
<tr>
<td>E</td>
<td>-200 to 750°C (-328 to 1382°F)</td>
<td>+Violet</td>
<td>+Brown</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>-Red</td>
<td>-Blue</td>
<td></td>
</tr>
<tr>
<td>J</td>
<td>-200 to 760°C (-328 to 1400°F)</td>
<td>+White</td>
<td>+Yellow</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>-Red</td>
<td>-Blue</td>
<td></td>
</tr>
<tr>
<td>K</td>
<td>-200 to 1250°C (-328 to 2282°F)</td>
<td>+Yellow</td>
<td>+Brown</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>-Red</td>
<td>-Blue</td>
<td></td>
</tr>
<tr>
<td>N</td>
<td>-200 to 1300°C (-328 to 2372°F)</td>
<td>+Orange</td>
<td>+Orange</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>-Red</td>
<td>-Blue</td>
<td></td>
</tr>
<tr>
<td>R</td>
<td>0 to 1768°C (32 to 3214°F)</td>
<td>+Black</td>
<td>+White</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>-Red</td>
<td>-Blue</td>
<td></td>
</tr>
<tr>
<td>S</td>
<td>0 to 1768°C (32 to 3214°F)</td>
<td>+Black</td>
<td>+White</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>-Red</td>
<td>-Blue</td>
<td></td>
</tr>
<tr>
<td>T</td>
<td>-200 to 400°C (-328 to 752°F)</td>
<td>+Blue</td>
<td>+White</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>-Red</td>
<td>-Blue</td>
<td></td>
</tr>
</tbody>
</table>

Analog Outputs

- Number of outputs: 4 (single-ended)
- Output range: 0-10V, 4-20mA. See Note 13.
- Resolution: 12-bit (4096 units)
- Conversion time: Synchronized to scan time.
- Load impedance: 1kΩ minimum—voltage, 500Ω maximum—current
- Galvanic isolation:
  - Analog outputs to bus: Yes
  - Analog outputs to Analog/PT/TC inputs: Yes
  - Analog outputs to analog outputs: No
- Linearity error: ±0.1%
- Operational error limits: ±0.2%

Notes:
13. Note that the range of each I/O is defined by wiring, jumper settings, and within the controller’s software.

Environmental

- Operating temperature: 0° to 45°C (32° to 113°F)
- Storage temperature: -20° to 60°C (-4° to 140°F)
- Relative Humidity (RH): 5% to 90% (non-condensing)
- Dimensions (WxHxD): 138x23x123mm (5.43x0.9x4.84”)
- Weight: 262g (9.25 oz)
About Unitronics

Unitronics has been producing PLCs, automation software and accessory devices since 1989. Unitronics’ OPLC controllers combine full-function PLCs and HMI operating panels into single, compact units. These HMI + PLC devices are programmed in a single, user-friendly environment. Our clients save I/O points, wiring, space, and programming time; elements that translate directly into cost-efficiency.

Unitronics supports a global network of distributors and sales representatives, as well as a U.S. subsidiary.

For more information regarding Unitronics products, contact your distributor or Unitronics headquarters via email: export@unitronics.com.

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