

This guide provides specifications for Unitronics' Uni-COM™ Modules.

Uni-COM™ modules are compatible with UniStream™ family of Programmable Logic Controllers. They are snapped onto the back of a UniStream™ HMI Panel next to a CPU-for-Panel to add ports to an all-in-one HMI + PLC controller. UAC-01RS2 offers one RS232 port, UAC-02RS2 offers two RS232 ports, UAC-02RSC offers one RS232 port and one RS485 port.

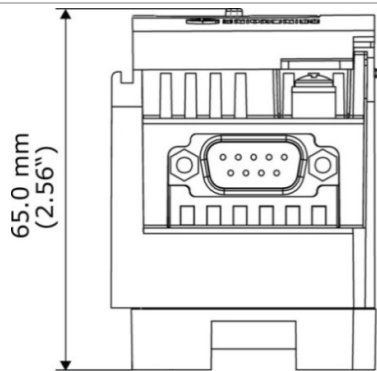
Installation Guides are available in the Unitronics Technical Library at www.unitronics.com

| Communication | UAC-01RS2 | UAC-02RS2 | UAC-02RSC |
|---------------------------|---|---------------------|---|
| RS232 | | | |
| Number of ports | 1 | 2 | 1 |
| Voltage limits (receiver) | ±20 VDC maximum, relative to Signal Ground (SG) pin | | |
| Baud rate range | 1,200 – 115,200 bps | | |
| Isolation voltage | | | |
| Port to bus | 500VAC for 1 minute | | |
| Port to port | - | 500VAC for 1 minute | |
| Cable type | Shielded | | |
| Cable length | Maximum 15 m (50 ft) | | |
| RS485 | | | |
| Number of ports | - | - | 1 |
| Voltage limits | - | - | -7 to +12 VDC maximum, Common+Differential |
| Baud rate range | - | - | 1,200 – 115,200 bps |
| Nodes | - | - | Up to 32 |
| Isolation voltage | | | |
| Port to bus | - | - | 500VAC for 1 minute |
| Port to port | - | - | 500VAC for 1 minute |
| Cable type | - | - | Shielded twisted pair, in compliance with EIA RS485 |
| Cable length | - | - | Maximum 1,200 m (4,000 ft) |

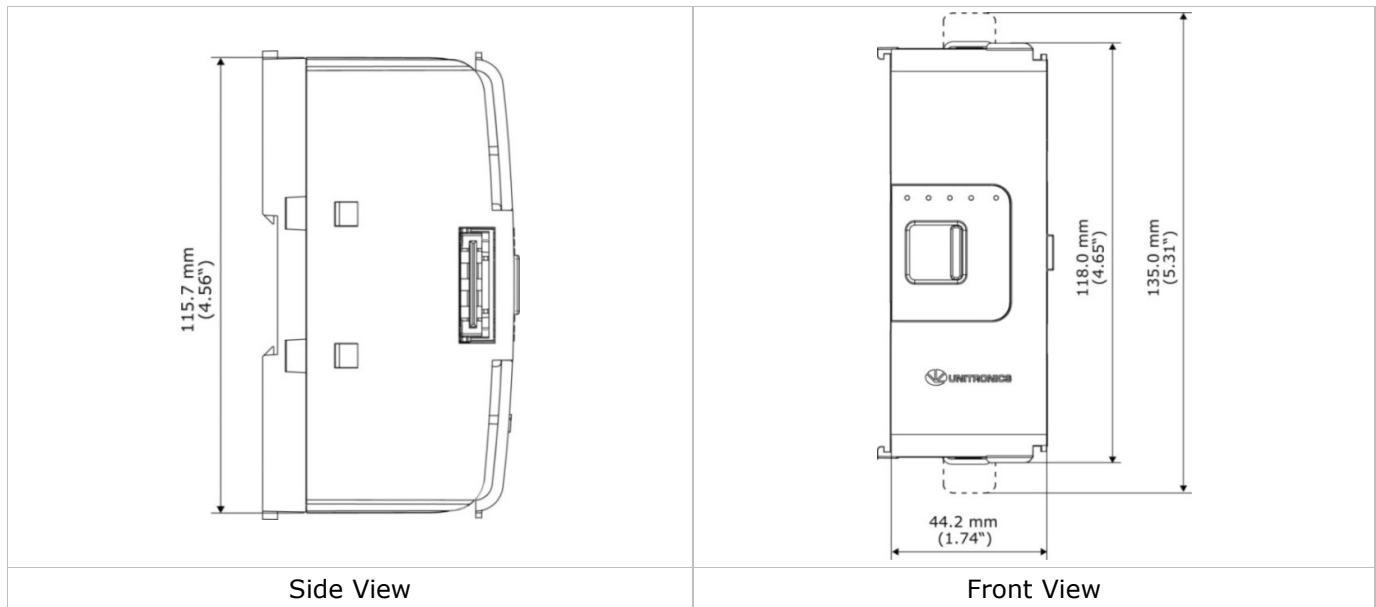
| IO/COM Bus | | | |
|-------------------------|-----------|-----------|-----------|
| Bus current consumption | UAC-01RS2 | UAC-02RS2 | UAC-02RSC |
| | 160mA | 250mA | 260mA |

| Indicator LEDs | | |
|-----------------------|-------|---|
| Channel LEDs | Green | Blinking when data is Transmitted/Received. |
| Status LED | Green | ON: Normal operation. OFF: No power. |

| Environmental | | | |
|-------------------------|---|--------------------|---------------------|
| Ingress Protection | IP 20, NEMA 1 | | |
| Operational temperature | -20°C to 55°C (-4°F to 131°F) | | |
| Storage temperature | -30°C to 70°C (-22°F to 158°F) | | |
| Relative Humidity (RH) | 5% to 95% (non-condensing) | | |
| Shock | IEC 60068-2-27, 15G, 11ms duration | | |
| Vibration | IEC 60068-2-6, 5Hz to 8.4Hz, 3.5mm constant amplitude, 8.4Hz to 150Hz, 1G acceleration. | | |
| Dimensions | | | |
| Weight | UAC-01RS2 | UAC-02RS2 | UAC-02RSC |
| | 0.15 Kg (0.331 lb) | 0.15 Kg (0.331 lb) | 0.135 Kg (0.298 lb) |
| Size | As shown in the images below | | |



Bottom View (UAC-02RS2 is shown)



Side View

Front View

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