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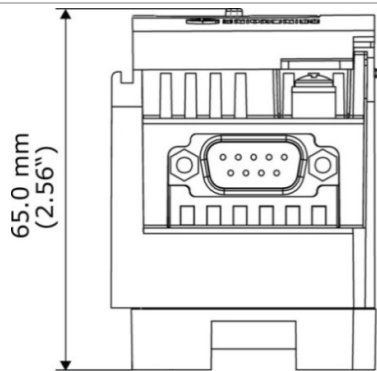
Installation Guides are available in the Unitronics Technical Library at www.unitronics.com

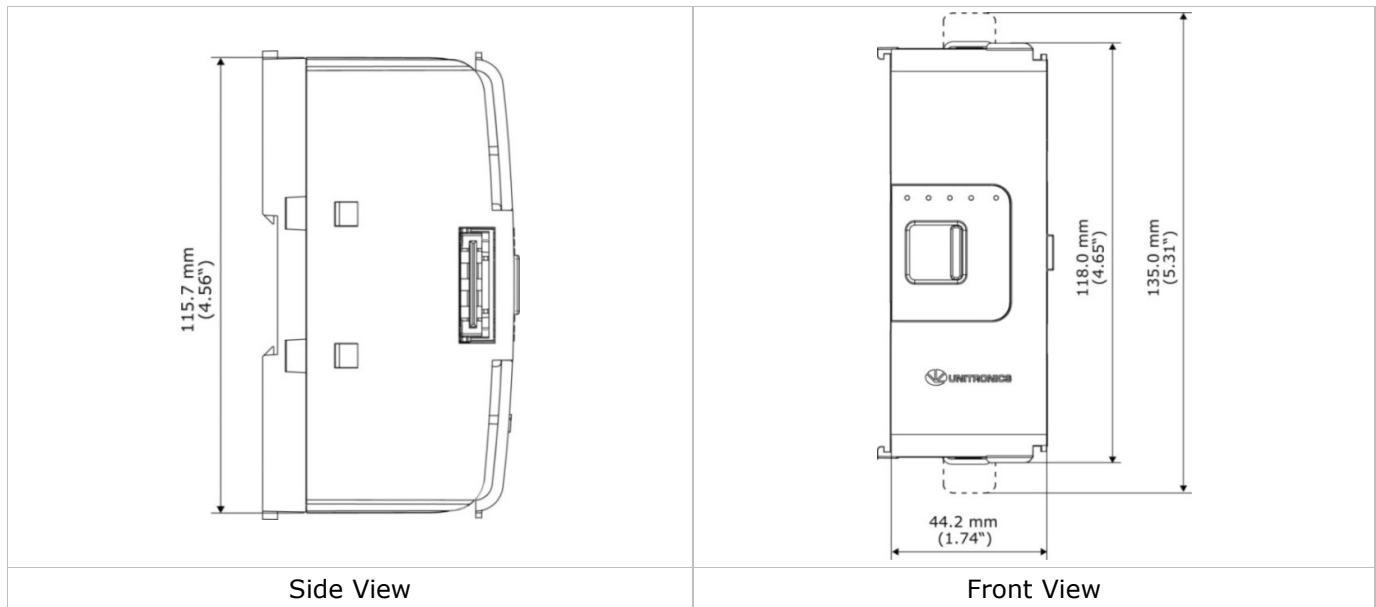| Communication	UAC-01RS2	UAC-02RS2	UAC-02RSC
RS232			
Number of ports	1	2	1
Voltage limits (receiver)	±20 VDC maximum, relative to Signal Ground (SG) pin		
Baud rate range	1,200 – 115,200 bps		
Isolation voltage			
Port to bus	500VAC for 1 minute		
Port to port	-	500VAC for 1 minute	
Connector type	D-Sub 9 pin, male		
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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