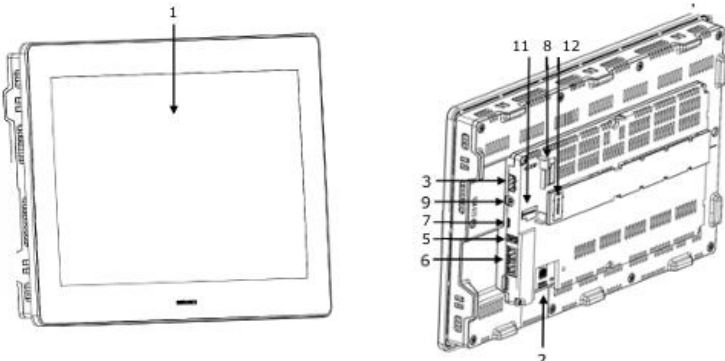


UniStream™ built-in

US15



Model	Installation Options	Integrated Power Supply	Module Support
UAG-XKxxx	DIN-rail structure DIN-rail	No	8, includes any modules directly connected to a controller
UAG-XKPxxx		Yes	16, in addition to any modules directly connected to a controller
UAG-XKPLxxxx		Yes	
UAG-CX-XKPxxx	Plug into controller Jack	Yes	16
UAG-CX-XKPLxxxx			

You must use the UAG-CX-XKPxxx or UAG-CX-XKPLxxx, and it must be the adapter that is directly connected to the controller.

Optional configurations in the cabinet with the UniStream Controller

Controller	1st	2nd	Max. Modules
	-	-	0
	CX	-	16
		XK	24
		XKP	32

Optional configurations in the other cabinet

3rd	4th	5th	Max. Modules
XKL	-	-	16
	XK	-	16
	XKP	-	32
	XKP	XK	32
	XK	XKP	32
	XKP	XKP	48

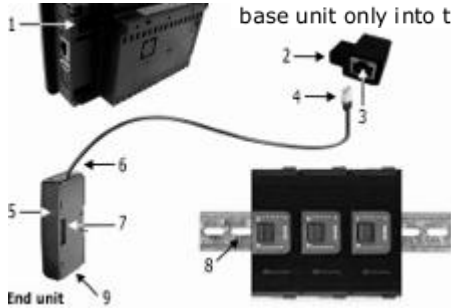
8 I/O Expansion Jack

Connection point for an I/O Expansion Port.
Ports are supplied as part of I/O Expansion Model Kits. Kits are available by separate order.
Note that UniStream® Built-in is compatible only with adapters from the series UAG-CX.

UAG-CX-XKPxxx

UAG-CX

The base unit of these adapters has a plug; the end unit has DIN-rail clips. You can plug the base unit only into the **I/O Expansion Jack** offered by the **UniStream Built-in series**.



12 UAG-BACK-IOADP Adapter Jack

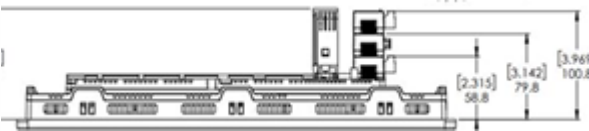
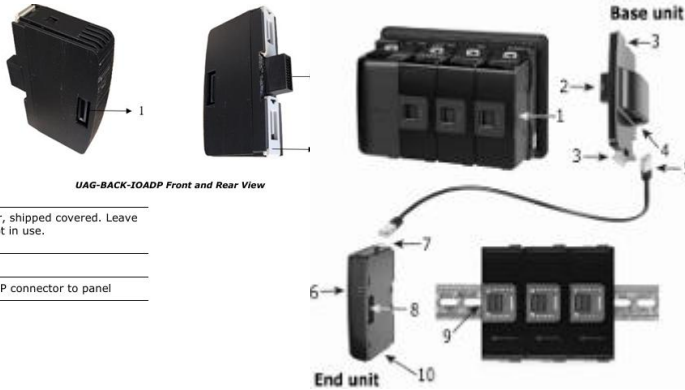
Connection point for snap onto the panel for an all-in-one configuration. Adapter is available by Separate order.

UAG-XKPLxxxx

UAG-XK

Both the Base and End units of these adapters have DIN-rail clips. You can:

- Snap the base onto the DIN-rail type structure on the back of **UniStream Modular HMI**
- Snap the base directly onto a **UniStream PLC**



UAG-BACK-IOADP Front and Rear View

- 1 IO Bus connector, shipped covered. Leave covered when not in use.
- 2 DIN-rail clips
- 3 UAG-BACK-IOADP connector to panel

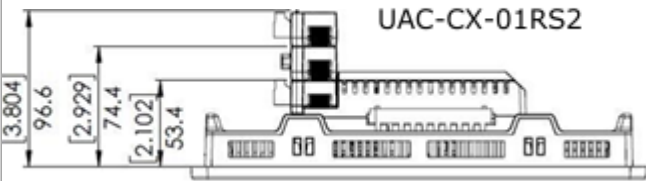
11 Uni-COM™ CX Module Jack

Connection point for up to 3 stack-on modules. These are available by separate order.

UAC-CX-01RS2

UAC-CX-01RS4

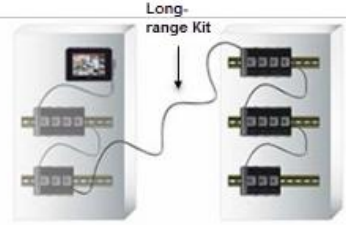
UAC-CX-01CAN



Adapters of up to 3 meters



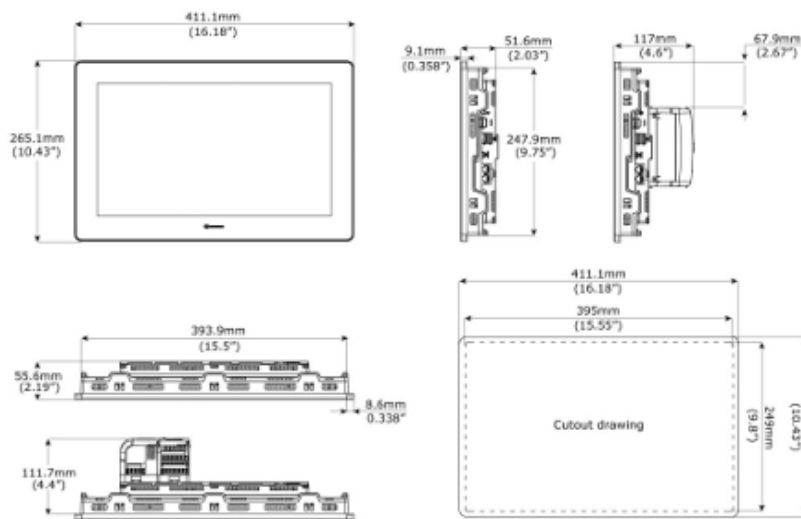
Single Cabinet



Two Cabinets

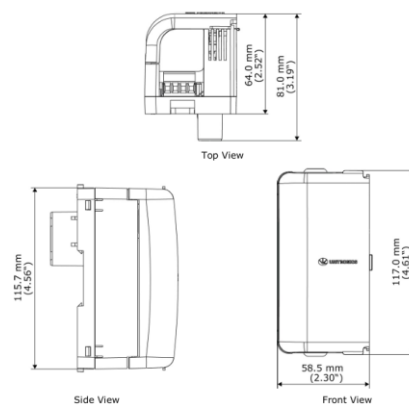
UniStream Modular and UniStream PLC

USP-156-B10 15.6" Panel

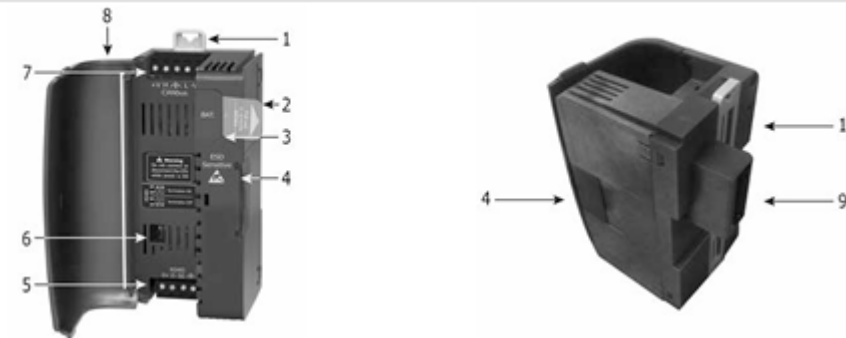


CPU-for-Panel USC-P-B10

USC-P-B10



CPU-for-Panel Diagram



CPU-for-Panel Front and Rear View

1	DIN-rail clips	5	RS485 connector
2	Battery pull-tab (remove during installation)	6	RS485 termination selection DIP switch
3	Battery compartment cover	7	CANbus connector
4	IO/COM Bus connector, shipped covered. Leave covered when not in use.	8	CPU door
		9	CPU connector to panel

The tables below show the possible configurations between two cabinets.

Optional configurations in the cabinet with the UniStream Controller

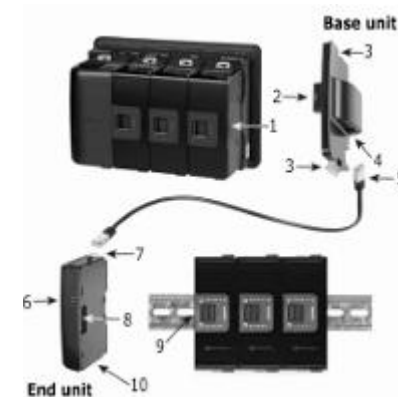
Controller	1st	2nd	Max. UniStream Modular 7"	Max. UniStream Modular 10.4",15.6"	Max. UniStream PLC
	-	-	3	5	8
	XK	-	8	8	8
	XKP	-	19	21	24
	XKP	XK	19	21	24
	XK	XKP	24	24	24
	XKP	XKP	35	37	40

Optional configurations in the other cabinet

	3rd	4th	5th	Max. Modules
		-	-	16
		XK	-	16
		XKP	-	32
		XKP	XK	32
		XK	XKP	32
		XKP	XKP	48

Uni-COM™ Communication Modules

Article ¹	Communication Ports
UAC-01RS2	1x RS232 port
UAC-02RS2	2x RS232 port
UAC-02RSC	1x RS232 port and 1x RS485 port



NOTE

Each combination in the right table can be used with each combination in the left table. They are independent of each other and the total number of I/O modules that are supported is the sum of the two tables.

XK-UAG-XKxxxx (Short Range Local Expansion Adapter without power supply)
 XKP-UAG-XKPxxxx (Short Range Local Expansion Adapter with power supply)
 XKL-UAG-XKLxxxx (Long Range Local Expansion Adapter)