

UniStream® 5" FAQ Document

PLC
+HMI
ALL IN ONE

Q: What are the differences between UniStream 5" and other UniStream series?

A: UniStream 5" is an expansion of the existing UniStream line.

The new UniStream 5" main differences are:

- **5" panel** - The display is the same high-quality resistive touch screen offered by other UniStream models.
- **Built-in I/O**- Each UniStream 5" model offers a different I/O configuration.
- **Built-in CPU**- The CPU is inside the controller, unlike UniStream lines where the CPU is snapped onto the panel's back.
- UniStream 5" is **available in two versions: 5" and 5" Pro.**

Q: What are the differences between the 5" and 5" Pro versions?

A: First of all, note that model numbers including:

- **B5** refer to standard UniStream 5" (e.g. US5-**B5**-TR22)
- **B10** refer to UniStream 5" **Pro** (e.g. US5-**B10**-TR22)

UniStream® 5" FAQ Document

The next table lists the differences between B5 and B10:

		UniStream 5 (B5)	UniStream 5 Pro (B10)
I/Os	Up to 2,048 I/O points	Yes	Yes
Built-in Ports	microSD	1	1
	USB Host	1	1
	mini USB (Programming)	1	1
	Ethernet	1	1
	Audio Jack	No	Yes
Add-on Ports	CANbus	up to 1	up to 1
	RS232	Up to 2	Up to 2
	RS485	Up to 2	Up to 2
COM Protocols	MODBUS	Yes	Yes
	Ethernet/IP	Yes	Yes
	CANopen, CANLayer 2	Yes	Yes
	VNC	Yes	Yes
	FTP	Server/Client	Server/Client
	SNMP	Yes	Yes
	Message Composer (3rd-party protocols)	Yes	Yes
	Modem GSM/SPRS, email, SMS	Yes	Yes
	Web Server*	No	Yes
	Video + RTSP*	No	Yes
	SQL Client*	No	Yes
Power Tools	Built-in Alarms, accords with ISA 18.2	Yes	Yes
	Trend Graphs	Yes	Yes
	Recipes	Yes	Yes

UniStream® 5" FAQ Document

	Multi-language support, including Asian	Yes	Yes
--	------------------------------------------------	-----	-----

Q: I/O expansion - Can I expand it?

A: Yes. As a member of the UniStream series, both versions B5 and B10 can be expanded up to 2048 I/Os.

Q: How can I connect the I/O expansion adaptors?

A: Similarly to Unistream with only one deference, the **first** unit plugged into the Unistream 5" **must** be from the CX series I/O expansion - UAG-**CX**-XKP125 or UAG-**CX**-XKP300.

Q: Can I expand the I/Os beyond the first expansion?

A: Yes. You may use the existing Unitronics I/O expansion adaptors.

Q: What communication Unistream 5" supports?

A: Unistream 5" supports Ethernet, USB, RS232, RS485, CANbus

Q: COM ports: what do I get?

A: Both B5 and B10 have built-in mini USB programming port and Ethernet port

Q: Does the new UniStream 5" offer the same processing power?

A: The Unistream 5" have the same processing power as the rest of the UniStream line. It has the same performance level—only smaller panel.

Q: Can I add COM ports?

A: Yes. You **must** use the COM modules that are compatible with UniStream 5"; these are also referred to as CX modules.

UniStream® 5" FAQ Document

PLC
+HMI
ALL IN ONE

UAC-CX modules may be installed in the following configurations:

- If your configuration includes a **CANbus module**, the CANbus must be the first unit snapped directly to the back of the controller. The CANbus module may be followed by up to 2 serial modules, meaning a total of **3 modules** (when only one CANBUS module is allowed).
- If a CANbus module is not necessary, a module comprising a serial port is snapped directly into of the controller, doesn't matter who will snap first, and it may be followed only by another serial module, meaning a total of **2 modules**.