

Completely modular in architecture, UniStream® enables you to create a compact control device that comprises the optimal configuration for your specific application.



	CPU + 7" HMI Panel	CPU + 10.4" HMI Panel	CPU + 15.6" HMI Panel
Part Number	USC-P-B10 and USP-070-B08/ USP-070-B10	USC-P-B10 and USP-104-B10	USC-P-B10 and USP-156-B10
Number of I/Os per CPU (On-board, local and remote)	Up to 2,048		
On-board Uni-I/O™ or Uni-COM Modules (All-in-one configuration)	Snap up to 3 slim or 2 wide modules (1)	Snap up to 5 slim or 3 wide modules (1)	
Local Uni-I/O™ Expansion	Use Local Expansion Adapters to add up to 80 slim modules or 50 wide modules (1)		
Remote I/O Expansion	Use EX-RC1 adapters to further extend the number of I/Os (4)		
Bit Operation	0.13 µs		
Ladder Memory	1 MB		
External Memory	microSD and USB Flash drive		
Video	Show MPEG-4 videos on the HMI screen		
Audio	Play MP3 audio files via internal speaker, or external speakers via audio-out jack		
Power Supply	12/24VDC		
Backup Battery	CR2032 Back-up RTC values, system data and retained tags		
Communication			
Ports	2 Ethernet • 1 RS485 • 1 CANbus 2 USB host ports • 1 USB device port for programming		
Protocols	MODBUS, EtherNet/IP™, CANopen, SNMP, FTP, BACnet(2), RTSP, VNC, UniCAN, GSM (SMS, GPRS), KNX, Message Composer for 3 <sup>rd</sup> party protocols		
HMI Panel			
Type	TFT, LCD, Touch HMI Panel		
Size	7"	10.4"	15.6"
Resolution	800x480 (WVGA)	800x600 (SVGA)	1366x768
Viewing Area Height x Width (mm)	USP-070-B08: 152.4 x 91.44 USP-070-B10: 154.08 x 85.92	211.2 x 158.4	344.23 x 193.53
Colors	65,536 (16bit)		16M (24bit)
Display Backlight Illumination	White LED		
Environment			
Protection	NEMA4X, IP66, IP65 when panel-mounted (3)		
Operating Temperature	-20°C to 55°C (-4°F to 131°F)		0°C to 50°C (32°F to 122°F)

Local Expansion Adapters

UAG-XK125	Short Range Kit, 125 cm
UAG-XKP125	Short Range + embedded Power Supply Kit, 125 cm
UAG-XK300	Short Range Kit, 300 cm
UAG-XKP300	Short Range Kit + embedded Power Supply, 300 cm
UAG-XKPLXXX	Long Range + embedded Power Supply, lengths: 600, 1200, 1500, 2000, 3000cm

Uni-COM™ Communication Modules

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

(1) Uni-I/O™ module series are "Slim" & "Wide". "Wide" I/O modules offer a denser I/O arrangement; their model numbers comprise a "W". In width, one "Wide" module = 1.5 "slim" module.

(2) Using a gateway module: GW-BAC1

(3) UniStream complies with IP66 and NEMA4X only with the audio seal installed, please refer to the installation guide of the HMI panel for information.

(4) EX-RC1: via CANbus, integrate standard Unitronics' I/O modules at distances of up to 1000m. Refer to website for more information.