

# THE NEW **UNISTREAM<sup>®</sup>** **US15-B10-B1**

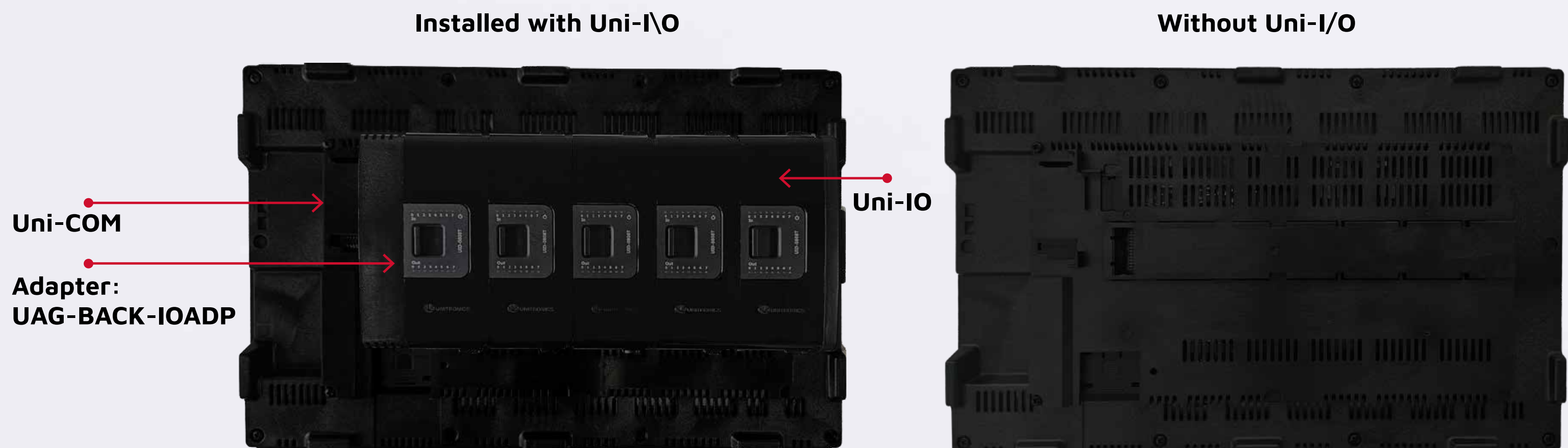
Superior Panel Performance &  
Faster Real-TimeTask Execution



## THE NEW UNISTREAM US15-B10-B1: SUPERIOR PANEL PERFORMANCE & FASTER REAL- TIMETASK EXECUTION

Designed for faster real-time task execution, with a fast-response 15.6" screen, the US15-B10-B1 PLC + HMI offers greater power and all the functionality of the UniStream Built-in Series—and more, including optional support for EtherCAT and EtherCAT Motion.

**No Built-In I/Os—Snap on Uni-I/O to create an on-board configuration, and expand remotely with Uni-I/O and Ethernet Remote I/O to exactly suit the needs of your application.**



### KEY HIGHLIGHTS:

- **Enhanced Performance:** Benefit from a significant boost in processing power, ensuring your applications run more smoothly.
- **Faster Real-Time Task Execution:** The US15-B10-B1 excels in handling real-time tasks with greater speed.
- **15.6" Touchscreen HMI:** Customers requiring a big-screen interface will enjoy the large, high-resolution display.
- **EtherCAT:** model US15-B10-B1 is the first UniStream Built-in to support our EtherCAT master module or single and multi axis coordinated servo motion.





# FEATURES AND PRODUCT COMPARISON

The new UniStream US15-B10-B1 Built-in and the UniStream 15.6” Modular controllers offer the same big screen dimension—and require exactly the same cutout size!  
See the table below for a detailed feature comparison.

|                                       | US15-B10-B1 (NEW)  | USP-156-B10 (Modular)  | USX-B10-B1 (Built-in models)   |
|---------------------------------------|--|--|--|
| Display                               | 15.6”  | 15.6”  | According to Model   |
| Resolution                            | 1366 X 768   | 1366 X 768   | According to Model   |
| Real-time CPU                         | Embedded   | Snap-on CPU (USC-P-B10)  | Embedded   |
| Ethernet                              | 2  | 2  | 1  |
| USB host                              | 1  | 2  | 1  |
| USB device                            | 1 (USB-C, cable not included)  | 1 (micro USB, cable not included)  | 1 (micro USB, cable not included)  |
| microSD                               | 1  | 1  | 1  |
| Audio out                             | 1  | 1  | 1  |
| Internal speaker                      | None   | Embedded   | None   |
| EtherCAT                              | Optional<br>via UAG-BACK-IOADP & UAC-01EC2<br>(on the backplane)   | None   | None   |
| Built-in I/O                          | None   | None   | None   |
| Uni-I/O                               | Mounting options: <ul style="list-style-type: none"><li>• Backplane via new adapter:<br/>UAG-BACK-IOADP</li><li>• Panel UAG-CX-XKPxxxx</li></ul> | Mounting options: <ul style="list-style-type: none"><li>• Backplane via USC-P-B10</li><li>• Panel UAG-XKxxxx</li></ul> | Mounting options: <ul style="list-style-type: none"><li>• Panel UAG-CX-XKPxxxx</li></ul> |
| Uni-COM                               | Backplane via UAC-CX-xxxxx   | Backplane via UAC-xxxxx  | Backplane via UAC-CX-xxxxx   |
| Built-in Serial Communications        | None   | 1 X CAN<br>1 X RS485   | None   |
| Total Supported Serial Communications | 1 X CAN<br>2 X RS232 / RS485   | 1 X CAN<br>Up to 9, max of 8 x RS232<br>and 5 x RS485  | 1 X CAN<br>2 X RS232 / RS485   |
| Cutout                                | 395 X 249 (mm)   | 395 X 249 (mm)   | According to Model   |

## USER GUIDES

These will be located on our website. For your convenience, we have attached these to this mail.

## SOFTWARE

Supported with UniLogic version: 1.39 and up.

## PRICES

Kindly contact your relevant sales manager from Unitronics.

We look forward to your feedback and are confident that  
US15-B10-B1 will greatly benefit your customers.