

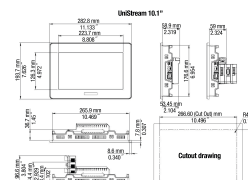
# US10-B10-TA30

## US10-Bxx-xxx

<b>HMI</b>	
Display	10.1" (16:9) touchscreen, TFT, LCD, 65 536 (16 bit) colors
Resolution	1 024 x 600 pixels (WSVGA)
<b>Power supply</b>	
Nominal voltage	24 V DC
<b>Inputs</b>	
Number of digital inputs	14
Number of encoder inputs*	2
Number of analog inputs*	2
Number of temperature inputs	2 PT100/NI100/NI120/PT1000/NI1000 Number of temperature in-puts
<b>Outputs</b>	
Number of transistor outputs	10
Number of analog outputs	2
<b>Memory</b>	
Number of ladder code memory (virtual)	1,000 KB
Execution time	0.13 µs
Memory card	Micro SD-Card
Internal memory	RAM: 512 MB (-B5) / 1 GB (-B10) ROM: 3 GB system memory (-B5) / 6 GB (-B10) ROM: 1 GB user memory (-B5) / 2 GB (-B10)
<b>Communication</b>	
Connections	RS232 RS485 CAN
Modules	Add up to 3 COM modules
Protocol	MQTT Client, EtherNet/IP, MODBUS TCP, CANopen, CANlayer2, UniCAN, SNMP, BACnet, KNX and M-Bus via gateway, Message Composer for 3rd party protocols
<b>General data</b>	
Storage temperature (no ice)	-30 ... 70 °C / -22 ... 158 °F
Operation temperature	-20 ... 55 °C / -4 ... 131 °F
Back-up battery	Model : 3V CR2032, Battery lifetime: 4 years typical at 25 °C, bat-tery back-up for all memory and RTC
Dimensions	see fig. 1
Mounting	Panel with brackets
Ingress Protection	IP 66 / NEMA4X (front face), IP 20 / NEMA1 (reare side)
Relative humidity, no condensation	5 ... 95 %



fig. 1. Dimensions (mm)



### Technical approvals, conformities



### Product references

Description	Type	24
14 digital, including 2 HSC, 2 analog, 2 temperature inputs   10 transistor, PNP, including 2 PWM, 2 analog outputs	US10-B10-TA30	✓

Other devices on request. Please contact [support@comatreleco.com](mailto:support@comatreleco.com).

The UniLogic software is available free of charge on [www.unitronicsplc.com](http://www.unitronicsplc.com) at downloads.

### Accessories

Expansion Adapters	UAG-CX-XKP125, UAG-CX-XKP300, UAG-CX-XKPL600, UAG-CX-XKPL1200, UAG-CX-XKPL1500, UAG-CX-XKPL2000, UAG-CX-XKPL3000
Uni-COM I/O Expansion Modules	UAC-CX-01RS2, UAC-CX-01RS4, UAC-CX-01CAN IO-DI8-T08, IO-DI8-R04, IO-DI8-R08, IO-DI16, IO-T016, IO-R08, IO-R016, IO-DI8ACH, IO-AI4-AO2, IO-PT400, IO-PT4K, IO-AO6X, IO-LC1, IO-LC3, IO-ATC8, IO-AI8, IO-D16A3-R016, EX-D16A3-R08, EX-D16A3-T016, EX-A2X, EX-RC1 EX90-DI8-R08
Routers	UCR-ST-B5-EU, UCR-ST-B8-EU
DIN rail kit for UCR B5/B8	UCR-OP-B5-DIN