

# CR-COMBox

## Manage color sensors from the PC

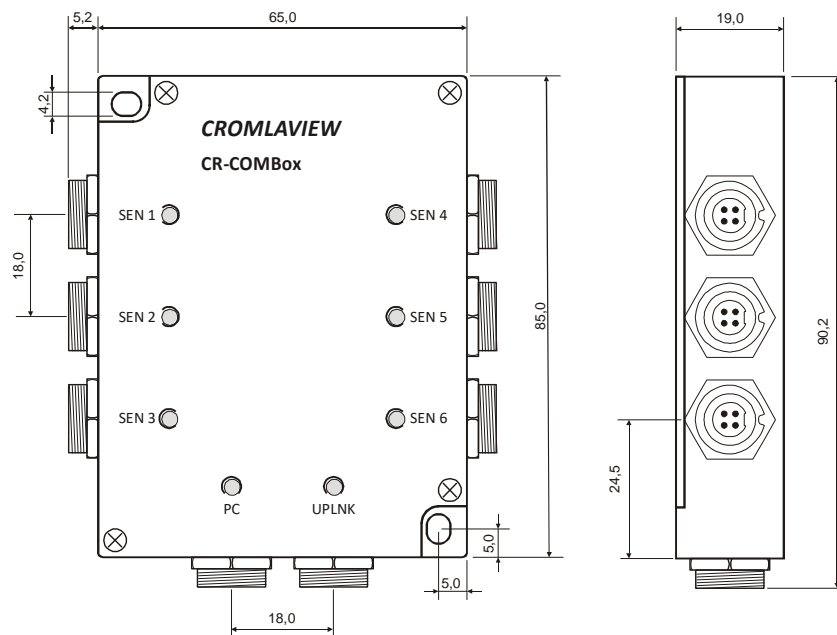
The CR-COMBox supplements the product program of the CROMLAVIEW® color sensor family and can be combined with the sensors CR100, CR200 and CR210. The CR-COMBox is a multiport repeater / hub based on RS232, and its robust make is intended for industrial use. When connecting, each CROMLAVIEW® color sensor can be addressed separately.

The address space facilitates the connection of up to 255 color sensors, which can thus be operated from one COM port. 7 color sensors can be connected to one CR-COMBox. When cascading the CR-COMBoxes, the UPLINK connector is linked with the PC connector of the next CR-COMBox instead of a sensor. The CR-COMBox is powered by the connected sensors, which have especially been equipped for operation at a CR-COMBox. An external power supply is not necessary. The reduced cabling effort for large distances between central control and sensors is a further advantage, as there is only one RS232 cable that needs to be installed from the control to the operating site.



### Key Features

- 7 sensors can be connected to one CR-COMBox
- Cascading allows the connection of up to 255 sensors
- No external power supply (is done by the connected sensors)
- Reduced cabling efforts



## Technical Data

Interfaces	6/7 CROMLAVIEW®-sensors 1 PC/SPS
Displays	8 LEDs for state if readiness
Protection standard	IP 65
Power supply	18 ... 28 VDC, max 50 mA
Case temperature during operation	-10 °C ... 55 °C
Case material	Aluminium, anodized
Case size	65 mm × 85 mm × 19 mm
Weight	Approx. 100 g

## Connectors

PIN	Description	Specification
1 (GND)	GND	0 V
2 (TXD)	Send	-5 V ... +5 V
3 (RXD)	Receive	-5 V ... +5 V
4 (+U <sub>b</sub> )	Supply voltage input (Connector PC: Supply voltage output)	18 ... 28 VDC
Shield	Device shield (earth)	Earth

## Displays

LED	Meaning
SEN1 ... SEN6, UPLINK	Sensor connected
PC	Supply

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