

CD500 CamDirector® Hardware

The beating heart of the CamDirector®

Avonic's CD500 is the beating heart of the CamDirector® and provides a continuously evolving video platform for Avonic's Pro-AV solutions. The CD500 can process, analyze and transmit video generated by the two PTZ cameras it controls. The one-of-a-kind AutoTracking module uses locally run machine learning algorithms to offer smart video recording.

As a continuously evolving video platform it allows for new high-tech modules to be added. Over-the-air updates and support allow new functionality to be added overnight. Its ease of operation takes away expensive human resources needed to create high-level and engaging content for the audience. With the introduction of the CD500 in the CamDirector®, Avonic ushers in a new era in Pro-AV.



Features

Video

Process, analyze and transmit video of two PTZ camera's it controls.

Cameras

* Processes signals of up to 8 cameras.

Video Input

* Analyzes the video input using state of the art AI-algorithms.

Video Output

* Transmits the video output over IP and/or HDMI.

* The actual features depends on the software licenses activated on the device.

Applications

- Education

SPECIFICATIONS

The CamDirector® Teacher Tracker is only reachable over **IP** and by using 2 x CM70-IP cameras! It is possible to use the HDMI and USB ports and a direct connection with a computer, but this works only by controlling the CD500 and the cameras **manually!**

Front Panel

Video input	8 x IP Camera's (Teacher Tracker supports 2 x CM70-IP cameras)
Max watt PoE available	PoE 40 Watt 802.3af
Ethernet	1x GbE Port
USB	1x USB2.0 port
LED indicator	Power LED Indicator
IR	IR Receiver

Rear Panel

Video output	1x HDMI 2.0 a/b
Audio input	1x RCA
Audio output	1x RCA
Interface	3x GPIO Harting, har-flexicon 2,54 FPV-10 BK and 3 BK
Part no. Manufacturer	10 BK: 14 31 101 3101 000 3 BK: 14 31 031 3101 000
USB	1x USB3.0 Port
Serial communication	1x RS232 DSUB-9 male, 1x RS485 3pin Phoenix
Power input	DC Power Input

General Specifications

Input voltage	DC 9 - 36V
Power consumption	Max of 60 Watt
Power supply	DC12V,5A
Power connector	Phoenix Contact, MSTBA 2.5/ 3-G-5.08, 3 Way, right angle, 12A
Operating temperature	-20°C ~ 65°C
Storage temperature	-20°C ~ 85°C
Operating humidity	95% @40°C (NON-CONDENSATION)
Color	Black
Dimensions product	175.6 x 183.3 x 50.5MM
Weight product	1.8 kg
Dimensions box	26 x 24 x 24 cm
Weight box	3.1 kg
Included	Power Adapter, CD500

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CE Marking

