

# 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 Teacher Tracker module works exclusively with the CD500 and 2x CM70-IP cameras! The HDMI port is the only video output.

## Front Panel

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

## Rear Panel

<b>Video output</b>	1x HDMI 2.0 a/b
<b>Audio input</b>	1x RCA (not active)
<b>Audio output</b>	1x RCA (not active)
<b>Interface</b>	3x GPIO Harting, har-flexicon 2,54 FPV-10 BK and 3 BK (for future use)
<b>Part no. Manufacturer</b>	10 BK: 14 31 101 3101 000 3 BK: 14 31 031 3101 000
<b>USB</b>	1x USB3.0 Port
<b>Serial communication</b>	1x RS232 DSUB-9 male, 1x RS485 3pin Phoenix
<b>Power input</b>	DC Power Input

## General Specifications

<b>Input voltage</b>	DC 9 - 36V
<b>Power consumption</b>	Max of 60 Watt
<b>Power supply</b>	19 Volt DC 3.16A
<b>Power connector</b>	Phoenix Contact, MSTBA 2.5/ 3-G-5.08, 3 Way, right angle, 12A
<b>Operating temperature</b>	-20°C ~ 65°C
<b>Storage temperature</b>	-20°C ~ 85°C
<b>Operating humidity</b>	95% @40°C (NON-CONDENSATION)
<b>Color</b>	Black
<b>Dimensions product</b>	175.6 x 183.3 x 50.5MM
<b>Weight product</b>	1.8 kg
<b>Dimensions box</b>	26 x 24 x 24 cm
<b>Weight box</b>	3.1 kg
<b>Included</b>	CD500, Power Adapter, Mounting shields

## CE Marking



## Back of the CD500



## Mounting shields

