

# SAFETY INSTRUCTIONS

The full safety instructions are documented in the user manual. Download the user manual at [www.avonic.com](http://www.avonic.com)

## Important Precautions

This Product is NOT intended for use where failure of the device could lead to death, personal injury, or severe environmental damage.

Be sure that you have COMPLETELY READ and UNDERSTOOD ALL information in this Manual before unpacking, installing and using this Product. Keep the Manual in a safe place for future reference or download it from [www.avonic.com](http://www.avonic.com).

Failure to follow the SAFETY NOTES as described in this chapter could result in fire, electric shock, injury, or damage to this Product or other property.

Power this Product ONLY with the included cable and power adapter. Other adapters may not meet applicable safety standards, and could pose a risk of death or injury when connected.

## Installation

This applies to the installation of the Product: The installation activities described should ONLY be executed by experienced technicians. The installation activities should NOT be executed by minors, mentally disabled persons or other persons not qualified to perform these tasks.

## Handling

To prevent the risk of injury, take the following precautions when handling this Product:

- Handle the Product with care. It is made of metal, glass, and plastic and has sensitive electronic components inside.
- The Product can be damaged if dropped, burned, punctured or crushed, or if it comes into contact with liquid.
- If you suspect damage to the Product, discontinue its use, as it may cause overheating or in.

## Ventilation

To prevent the risk of life-threatening injury or damage to the Product or other property, caused by electric shock or fire hazard due to overheating:

- Maintain adequate ventilation by NOT installing or placing the Product unit in a bookcase, built-in cabinet or any other confined space.
- Ensure that curtains or any other material does NOT obstruct the ventilation.

## Repair

Take the following precautions if the Product should be repaired:

- Don't open this Product and don't attempt to repair it yourself. Disassembling the Product may damage it or may cause injury to you.
- If this Product is damaged, malfunctioning, or if it comes into contact with liquid, contact Avonic or an Avonic Authorized Service Provider.
- Repairs by service providers other than Avonic or an Avonic Authorized Service Provider may not involve the use of Avonic genuine parts and may affect the safety and functionality of the device. You can find more information about repairs and service at [www.avonic.com](http://www.avonic.com).

## Atmospheric Conditions

To prevent the risk of injury or damage to the Product or other property caused by a potentially explosive atmosphere:

- Do NOT use this Product in an area with a potentially explosive atmosphere, such as areas where the air contains high levels of flammable chemicals, vapors, or particles (such as grain, dust, or metal powders), may be hazardous.
- Exposing this Product to environments having high concentrations of industrial chemicals, including near evaporating liquified gasses such as helium, may damage or impair this Product functionality.
- Obey all signs and instructions.

## Mounting

To prevent the Product from falling down which may cause injuries:

- Set up this Product on a hard, stable surface or mount it to a wall or ceiling.
- ONLY use an Avonic mount for mounting to a wall or mounting pole.
- Ensure the mounting construction is capable of supporting four times the weight of the Product. (See 'General Specifications > Weight product' in the Product Datasheet for the exact weight.) Use a safety loop or drop protection that prevents the Product from falling if the mounting construction fails.
- NEVER install a Product above a person.
- Check the installation at least once a year. An im-proper mounting could cause the unit to fall off, resulting in personal injury.

## Operation

The following applies to the operation of the camera:

- The operational activities described in this Manual should ONLY be executed by people with enough technical knowledge to perform the activities in a safe manner.
- This Product is specifically developed for video conferencing / streaming via internet by companies, institutes and universities. It is NOT meant for private use in the residential area.
- This Product should ONLY be used indoors.
- This Product is NOT a medical device and should NOT be used as a substitute for professional medical judgment. It is NOT designed or intended for use in the diagnosis of disease or other conditions, or in the cure, mitigation, treatment, or prevention of any condition or disease. Please consult your healthcare provider prior to making any decisions related to your health.

## Power Adapter

To prevent the risk of life-threatening injury or damage to the Product or other property, caused by electric shock or fire hazard:

- Power this Product ONLY with the included cable and power adapter. Other adapters may not meet the applicable safety standards. They could pose a risk of death or injury when connected.
- Do NOT use damaged cables.
- Do NOT power the Product in a moist / wet environment.
- Before you power the Product, ensure the cable is fully inserted into the power adapter.
- Plug the power adapter directly into a power outlet.
- Do NOT use the power adapter at a moist / wet location.
- Do NOT connect or disconnect the power adapter with wet hands.
- Keep the Product, cable, and power adapter in a dry and well-ventilated area when in use.
- Stop using the power adapter and any cables if any of the following conditions exist:

- \* The power adapter plug or prongs are damaged.
- \* The cable becomes frayed or otherwise damaged.
- \* The power adapter is exposed to excessive moisture, or liquid is spilled into it.
- \* The power adapter has been dropped, and its enclosure is damaged.

## Ventilation

To prevent the risk of life-threatening injury or damage to the Product or other property, caused by electric shock or fire hazard due to overheating:

- Maintain adequate ventilation by NOT installing or placing the Product unit in a bookcase, built-in cabinet or any other confined space.
- Ensure that curtains or any other material does NOT obstruct the ventilation.

## Disposal and Recycling

Disposal and Recycling can be found as a separate chapter as one of the last chapters in the user manual.

In general, the term 'E-Waste' or 'Waste of Electrical and Electronic Equipment' applies to items of all types of electrical and electronic equipment and its parts that have been discarded by the owner as waste without the intention of re-use.

E-Waste, like the camera and ALL of its accessories, cannot be disposed to normal waste and needs to be disposed separately. For this reason, send the camera back to Avonic or your local distributor if you want to dispose the camera. Visit [www.avonic.com](http://www.avonic.com) for contact information and the return procedure. Avonic outsources the disposal and recycling of its E-Waste camera materials to Stichting Open.

Avonic is NOT responsible for personal data left in the settings of the camera as far as this is possible (like, IP Addresses, user names, passwords etc.) DELETE personal data before you send the camera back to Avonic!

# QUICK GUIDE



For CM30 • CM70 • CM90 Series

[www.avonic.com](http://www.avonic.com)

# QUICK GUIDE

## 1. Unbox

Be gentle with the moving parts, hold the camera only at the bottom. The camera is packed in a sealed bag, if the seal has been breached, contact Avonic.



## 2. Turn the camera on

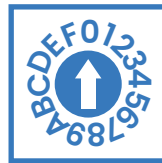
Connect a CAT6a cable to the Ethernet port of the camera: use a PoE compatible switch for CM30 and CM70 series, or PoE+ for the CM90 series. Alternatively, connect the power adapter to the 12V DC input.

## 3. Physical power switch

This camera is equipped with a physical ON/OFF button. Make sure that this button is set to 'ON', even when the camera is connected to a PoE switch.

## 4. Connect a display

Connect a display to the camera. If your display does not support the output resolution of the camera, you can change this resolution with the rotary switch (CM70&90-series) at the bottom of the camera (0=1080p60, 8=720p30) and restart the camera. Alternatively, use the web interface to change the output resolution (CM30, CM70 & CM90 Series)



## 5. WebGUI/ On Screen Display (OSD)

- The WebGUI can be found at 192.168.5.163 with default **username "admin"** and **password "admin"**.
- Or press **MENU** on the Remote Control (insert 2 LR03 AAA batteries) to open the On Screen Display.

## 6. Configure the camera

Does your room have changing light conditions? Choose 'auto white balance', otherwise set the white balance to 'fixed'. Test which anti-flicker settings gives the best results.

## 7. Control multiple cameras With one remote

Do you have multiple cameras and do you want to control them with one remote? Keep in mind that the default IR ID is 1.



Give every following camera a unique IR ID as follows:

- Turn on only camera 2 and press [\*] → [#] → [F2].
- Turn on only camera 3 and press [\*] → [#] → [F3].
- (etcetera)

## 8. Complete manual

Download the manual at [avonic.com](http://avonic.com)

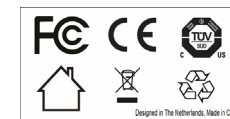
## CE Marking

This product has a CE marking on the product label. This is placed on the bottom of the camera.

## Contact

This Quick Guide is written with great care. If you have any questions, remarks or suggestions, do not hesitate to contact us. Our support team is there to assist you in getting the best result. You can reach us as follows:

- Telephone: +31 (0) 15 711 2712
- Email: [support@avonic.com](mailto:support@avonic.com)



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