

Important factors when installing your A300-antenna.

The A300-antenna is passively directing the wireless transmission signal from the camera towards the receiver. This means that the range is increasing without actually increasing the strength of the signal. Instead the signal is being directed in one direction. Compared to the original antenna that sends the signal 360 degrees around the antenna, the A300-antenna is directing the entire signal towards its receiver and in this way the range is increased. The result of this technique is a range of up to 600 meters and possibilities to get optimal picture quality. The A300-antenna has a sensitiveness of 9 dBi which can be compared to the 2 dBi of the original antenna.

Here is how you do to get started:

1. Try to have as clear line of sight as possible between your sending antenna and your receiving antenna. If you can put your antenna in a way that decreases the number of obstacles between the sending unit and the receiving unit as much as possible you will get a much clearer picture quality. Examples of obstacles that can interfere with the picture quality are walls, trees, buildings or local electromagnetic fields such as wireless networks (WLAN).
2. If you have two A300-antennas* (one in the sending unit and one in the receiving unit) it is important that you thoroughly point the antenna that sends the signal (the antenna that is connected to the camera) towards the receiving antenna. Optimal range is usually achieved when both antennas are placed a couple of meters above ground.
3. If the antenna is placed outside it can be a good idea to get an extension cable to find the best position for placing your A300-antenna. You can have 17 meters of cable between the antenna and camera without any noticeable loss of signal quality.

If you have any questions or thoughts when you are installing your antenna, do not hesitate to contact us.

Best Regards
LUDA Elektronik



A300-antenna

* Two A300-antennas is only possible with the AV-receiver.
Connecting a A300-antenna to the LCD-receiver is not possible.

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5 m extension cable



Do not place the A300 as above picture
(with the "teeth" pointing upwards/downwards)



Example of A300 pointed towards a house



Example of how the A300 antenna should be placed