

# iQ-Climate Chamber

## Temperature-controlled camera performance testing

The iQ-Climate Chamber creates different temperature scenarios for camera performance testing. It is currently the only device on the market for testing a camera system in a temperature-controlled environment.

### Main Features

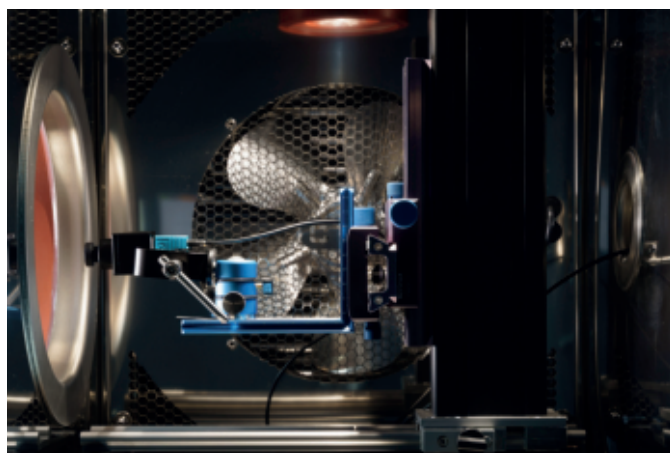
- \* Test range of -40° to 120° C
- \* Temperature stability of  $\pm 0.3^\circ$  K
- \* Bundled with an universal camera mount
- \* Create test sequences directly on the device
- \* Software control



Example image - actual product design may vary.

### ADAS testing

ADAS cameras can often experience performance issues with fluctuating temperatures. As a result, these systems must be rigorously tested in a lab before they are safe for consumer use. Almost all of the current test methods rely on testing in an actual outdoor setting with, naturally, unpredictable weather conditions. The iQ-Climate Chamber, however, provides a temperature-controlled environment from the confines of a test lab.



iQ-Climate Chamber internal view

At a Glance	iQ-Climate Chamber
Principle	Camera tests under various temperature conditions
Temperature range	-40° to 120 °C
Temperature stability	$\pm 0.3$ K
Size of camera window	Ø 200 mm
Power supply	230 V / 50 Hz
Dimensions (W x H x D)	620 x 1740 x 770 mm