

HDCOPILOTCAM ▼ 2.1mm 1080P Dual Windshield Camera

CAMERA FEATURES

Mounted to the inside of the vehicle's windshield, the HDCOPILOTCAM Dual Windshield Camera features two built-in, wide-angle HD lens cameras: one capturing an exterior view through the windshield, the other an interior view of the driver and passengers. Advanced in-cab audio and infrared technology also help ensure a definitive account of what really happens on the road and in the cab, day or night.

DIMENSIONS

- Height without bracket: 2.78 inches
- Width: 2.32 inches
- Depth: 2.96 inches
- Weight: 0.3 pounds

INTERIOR FACING CAMERA

- 2.1mm focal length
- 1/2.7" Aptina CMOS image sensor
- Recorded in 2.12MP resolution
- 125-degree field of view
- Minimum illumination: 0.05Lux/F1.8; 0Lux with infrared
- 6 IR LEDs
- Built-in high sensitivity microphone

EXTERIOR FACING CAMERA

- 2.1mm focal length
- 1/2.7" Aptina CMOS image sensor
- Recorded in 2.12MP resolution
- 125-degree field of view

ELECTRONIC SHUTTER

- Auto: 1/60s (1/50s) ~ 1/500,000s

SIGNAL TO NOISE RATIO

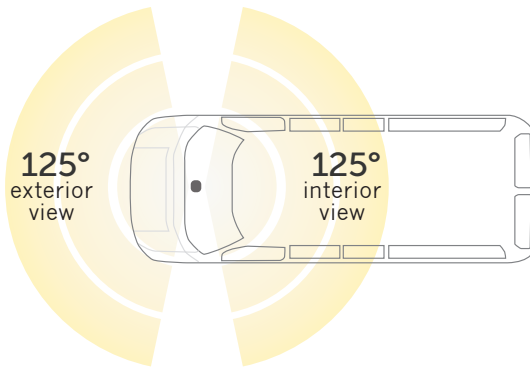
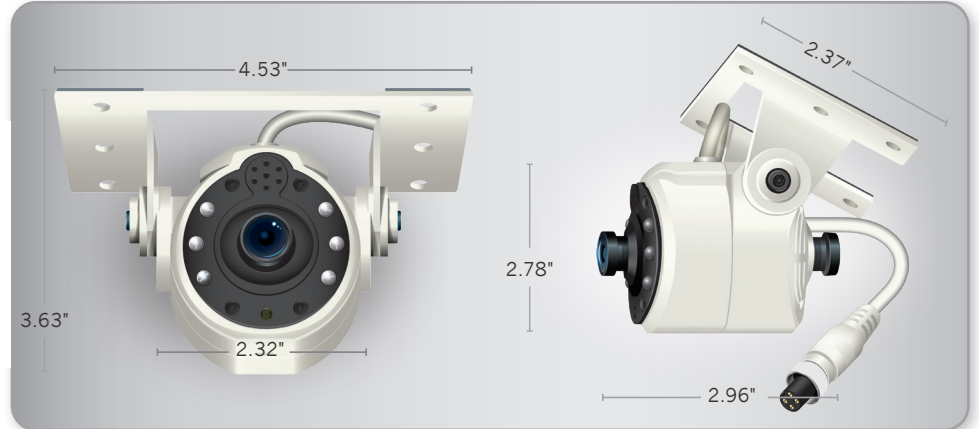
- >60dB

IMAGE CONTROL

- Digital Wide Dynamic Range (DWDR)
- Auto Tracking White Balance (ATW): (1,800°K ~ 10,500°K)
- Automatic Gain Control (AGC)
- 2D/3D noise reduction

IMAGE RESOLUTION

- 1920 x 1080 @ 30fps



GAMMA CHARACTERISTIC

- 0.45

SYNCHRONOUS SYSTEM

- Internal, negative sync

VIDEO OUTPUT

- 1 Vp-p composite video/75 Ohm

CURRENT CONSUMPTION

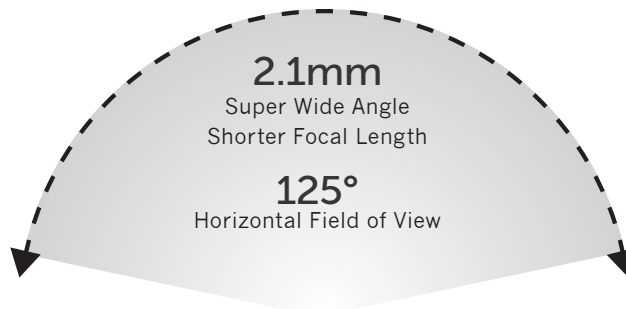
- 180mA@DC12V (IR off)/
330mA@DC12V (IR on)

POWER INPUT

- DC12V (9V~16V)

OPERATING ENVIRONMENT

- Operating temperature:
14°F~+122°F (-10~+50°C)



Specifications, features and applications of use are subject to change without notice. ▼ 02/2026 B