

41AHD SERIES

INTERIOR HD CAMERA



Interior Version
(with IRs)



Windshield Version
(without IRs)

The 41AHD series cameras—both 720p and 1080p versions—capture HD images for clear video evidence. Recommended for interior camera placements, the 41AHD series are available with IRs for day/night functionality and without IRs for a windshield camera view. The mini-dome housing is vibration-proof and tamper-resistant, featuring a compact size to maximize available space on the vehicle.

PART NUMBER

720p

With IRs: AHD-xxMIR-WT (*white*),
AHD-xxMIR-BK (*black*)

Without IRs: AHD-xxM-WT (*white*),
AHD-xxM-BK (*black*)

1080p

With IRs: AHD-HxxMIR-WT (*white*),
AHD-HxxMIR-BK (*black*)

Without IRs: AHD-HxxM-WT (*white*),
AHD-HxxM-BK (*black*)

IMAGE SENSOR

720p: 1/3" 1.3MP CMOS

1080p: 1/2.9" SONY CMOS

RESOLUTION

720p: 1280 × 720

1080p: 1920 × 1080

INFRARED ILLUMINATORS

720p: Yes, 6 LEDs (*interior version*)

1080p: Yes, 11 LEDs (*interior version*)

720p / 1080p: No (*windshield version*)

MINIMUM ILLUMINATION

0 Lux (*with IRs*)

SIGNAL-TO-NOISE RATIO

≥50dB (*AGC OFF*)

FOCAL LENGTH

2.8mm (*3.6mm optional*)

FIELD OF VIEW

720p

2.8mm: H: 95° V: 50°

3.6mm: H: 74° V: 41°

1080p

2.8mm: H: 105° V: 65° D: 122°

3.6mm: H: 82° V: 55° D: 95°

AUTO ADJUSTMENTS

White Balance, Auto Gain, Back Light Compensation, Electronic Shutter

ADJUSTABLE RANGE

H: 0-355° **V:** 0-90°

AUDIO

Integrated microphone

VIDEO OUTPUT

AHD standard output, 4-pin aviation cable

POWER REQUIREMENT

12V DC ± 10%

FEATURES

- Clear audio recording with built-in microphone
- Threaded collar connectors screw-lock to form a solid connection
- Available in white or black housing

POWER CONSUMPTION

With IRs: 120mA DC 12V ± 5%

Without IRs: 70mA DC 12V ± 5%

OPERATING TEMPERATURE

720p: -4° F ~ 122° F (-20° C ~ 50° C)

1080p: -4° F ~ 158° F (-20° C ~ 70° C)

DIMENSIONS (DIA × H)

2.72 in × 2.19 in (69.09 mm × 55.63 mm)

WEIGHT

.4 lbs (.181 kg)