

Vulcan™ Series HD1700V ▾ 180° Lens 1080P Camera

CAMERA FEATURES

The Anvil™ HD1700V camera from AngelTrax features a fully articulated lens casing, adjustable vertically and horizontally, to obtain extreme wide-angle views of the vehicle's interior or exterior and surroundings. Equipped with Super Infrared, automated white balance and digital noise reduction, the Anvil™ HD1700V camera is capable of capturing astonishingly clear high-definition images day or night.

DIMENSIONS

- Height: 1.5 inches
- Width: 3.4 inches
- Depth: 2.5 inches
- Weight: 0.6 pounds

LENS

- 180° lens/
170° field of view
- 1.7mm focal length
- 2.12MP
- 1/2.7" CMOS sensor
- Fully articulated lens casing for image orientation

MINIMUM ILLUMINATION

- 0.05 Lux / F1.8
- 0 Lux when IR on

AUTO ELECTRONIC SHUTTER

- 1/60s (1/50s) - 1/100,000s

INFRARED

- Smart IR circuit design for auto-exposure control when IR is ON
- Super IR: 98 - 164 feet

DAY AND NIGHT

- External sensor for auto switch between day and night modes

IMAGE CONTROL

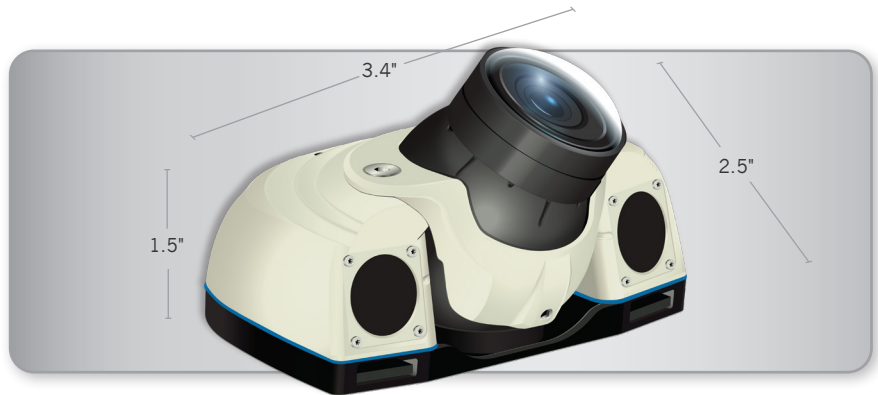
- Digital Wide Dynamic Range (DWDR)
- Auto Tracking White Balance (ATW) 1,800°K ~ 10,500°K
- Automatic Gain Control: (AGC)

SIGNAL TO NOISE RATIO

- S/N > 60dB

VIDEO OUTPUT LEVEL

- 1.0 Vp-p Composite video/
75 Ohm



OPERATING CONDITIONS

- -40°F ~ +158°F (-40° C ~ +70°C)

POWER INPUT

- DC 12V (9V ~ 16V)

POWER CONSUMPTION

- (IR on) 300mA @ DC 12V
- (IR off) 75mA @ DC 12V

IP RATING

- IP68

HOUSING/CASING MATERIAL

- Steel
- Anti-vibration
- Vandal-resistant

VIDEO COMPRESSION

- H.264

IMAGE RESOLUTION

- 1080P high definition
- NTSC: 1920 x 1080 @30fps
- PAL: 1920 x 1080 @ 25fps

IMAGE FRAME RATE

- 30fps

AUDIO

- Noise-gated microphone

