



# SMARTRUCK

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## HD

smart...for a reason

**P/N: C5F176AHD**  
170° Compact Color Camera (6P)

**Product Specification** - The high-performance **SmarTruck HD** Part No C5F176AHD compact high-performance camera is equipped with audio and a high-resolution 1/3" AHD CMOS imaging sensor that delivers 800 TV lines of resolution and an ultra-wide 170° diagonal field-of-view. Five extra-bright IR LED's extend visibility in those "0" Lux video applications. This camera is weatherproof with an IP69K rating and certified to 30G shock and vibration and is designed to be reliable in all applications. This camera comes with both a light-duty and heavy-duty steel bracket and sunshield.



### Camera Features

- 1/3.2" SONY Color CMOS high resolution sensor
- High Resolution Support (1280 x 960 pixels)
- Excellent Night View (0.0 Lux) with LED
- Aluminum die-cast & stainless Deco Housing
- Utilizing a small housing to be installed anywhere
- IP69K to stand up in the harsh environment and vibration
- Super Wide field-of-view with 170° (D)
- A built-in microphone to minimize wind noise
- Easy switching NORMAL to MIRROR view
- Wide range of Supply Voltage from 12V to 24VDC
- Camera includes a light and heavy-duty mounting bracket and sunshield

Camera CA031AHD / Superseded by C5F176AHD

*Product specifications subject to change on 60-day notice.*

PART NUMBER	C5F176AHD
IR Night Vision	5 pcs extra bright LED's
Operating Voltage Range	DC12~24VDC
Current Consumption	120mA @12V (LED's On)
Power Consumption	Max. 1.5W@12V
Imaging Sensor	1/3.2" AHD Color CMOS
Resolution	1280 x 960 (1.23M pixels)
Visual Resolution	800 TV Lines
Lens Focal Length	1.2mm/F=2.4
Field of View—Diagonal	170°
View Angle	147° (Height) x 170° (Diag.) x 87° (Vert.)
Lens Coating	Anti-Glare Glass Coating
Signal to Noise Ratio	min 48dB (AGC off)
Video Output	75 Ohm; 1V (P-P)
Audio	High Sensitive C-mic
Required Illumination	0.01 Lux
Image Orientation	Mirror Image
Weight	140.5g/4.96oz
Interface Connector	Threaded 6PinMiniDIN (Male)
Interface Connector Length	39 inches
Overall Dimensions	41.x 29 x 45.5(mm)/ 1.61" x 1.14" x 1.79" (Without Sunshield & Bracket)
Housing Material	Aluminum
Finish	Black Anodized
Shock Rating	30 G
Vibration Rating	30G @ 50Hz
Connector IP Rating	IP69K
Camera IP Rating	IP69K
Operating Temperature	-30°C ~ 60°C/ - 22°F ~ 140°F
STANDARDS	RoHS, EMC, E-MARK, FCC



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