



SMARTRUCK

HD

smart...for a reason

P/N: C5B176
170° Color Camera (6P)

Product Specification - The high-performance **SmarTruck HD** Part No C5B176 compact high-performance flush-mount camera is equipped with a high-resolution CMOS imaging sensor that delivers a 800 TV lines resolution and an ultra-wide 170° diagonal field-of-view. This camera is weatherproof with an IP69K rating and is designed to be reliable in those rugged applications and is certified to 30G shock and vibration.



Camera Features

- 1/3.2" SONY Color CMOS High Resolution Sensor
- High Resolution Support (1280 x 960 pixels)
- Excellent Night View
- Aluminum Die-Cast Housing
- Utilizing a Small Housing to be Installed Anywhere on a Vehicle
- IP69K to Stand Up in the Harsh Environment and Vibration
- Super Wide Field-of-View (FOV) 170° (D)
- Wide Range of Supply Voltage from 12V to 24VDC

Camera MTC170FM / CA064 / Superseded by C5B176

Camera, 6° Angled Tilt Ring, Metal Lock Washer, Retainer Nut, 12mm Spacer Ring and Rubber Mounting Gasket Included

Product specifications subject to change on 60-day notice.



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Camera Specs	
Part No	C5B176
Operating Voltage Range	DC12~24VDC
Current Consumption	120mA @12V
Power Consumption	Max. 1.5W@12V
Imaging Device	1/3.2" SONY CMOS
Resolution	1280 x 960 (1.23M pixels)
Visual Resolution	800 TV Lines
Lens Focal Length	1.2mm/F=2.4
FOV (Field of View)	170°
View Angle (FOV)	147° (Horizontal) x 170° (Diagonal) x 87° (Vertical)
Lens Coating	Anti-Glare Glass Coating
Signal to Noise Ratio	min 48dB (AGC off)
Video Output	75 Ohm; 1V (P-P)
Required Illumination	0.01 Lux
Image Orientation	Mirror Image
Weight	75g/2.64oz
Interface Connector	Threaded 6Pin MiniDIN (Male)
Length of Interface Cable	39 inches
Overall Dimensions	29.5(ø).x 56.5mm (L) / 1.16" (ø) x 2.22" (L)
Housing Material	Aluminum
Finish	Black Anodized
Shock Rating	30 G
Vibration Rating	30G @ 50Hz
Connector IP Rating	IP68
Camera IP Rating	IP69K
Operating Temperature	-30°C ~ 70°C/ - 22°F ~ 158°F
Storage Temperature	-40°C ~ 80°C/ - 40°F ~ 176°F
STANDARDS	RoHS, EMC, E-MARK, FCC