



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 640 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
- 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Camera MTC170FM / CA064 / Superseded by C5B176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 | 976 x 592 |
| Visual Resolution | 640 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 | IP69K |
| 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 |