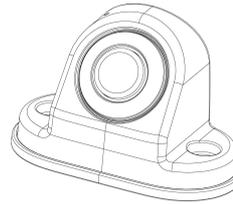


# UPSAHD160BR - Manual - V1.1 05/28/2025

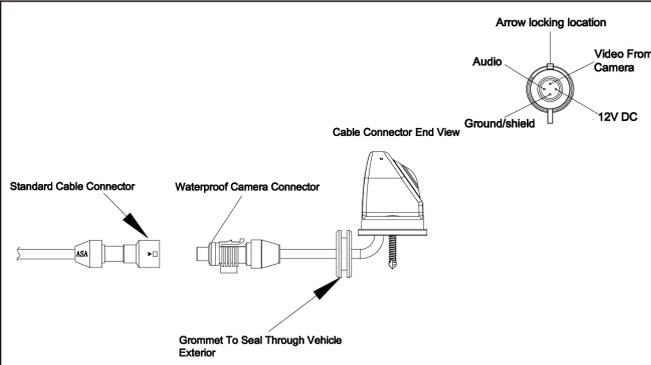
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## NTSC SYSTEM UPSAHD160BR



- UPSAHD160BR Features:
- High Performance CMOS Sensor
  - IR LED Low Light Enhancement
  - Waterproof (IP69K)
  - Compact Size
  - Audio Microphone



### Specifications

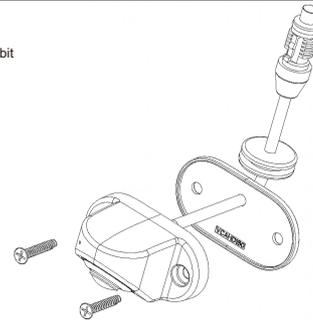
Mounting Type	External Type
Image Sensor	1/3 CMOS
Resolution	720P/480TVL
Min Illumination	0 Lux (with IR LED ON)
Waterproof Rate	IP69K
View Angle	160(H), 94(V), 175(D)
Dimension	69.2(W) * 36.7(H) * 44.9 mm 2.72(W) * 1.44(H) * 1.77(D) Inch
Working Temperature	-40C ~ + 85C

### Camera to bracket hardware

Specifications
 Flat-head cross groove drill tail screws \ VNC8#-32*25mm\Stainless steel hardened-Blue-zinc plating-Blue-environmental protection

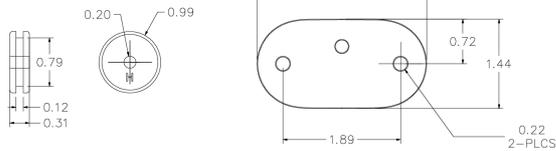
### Installation

Pre-drill holes with a 1/8" bit



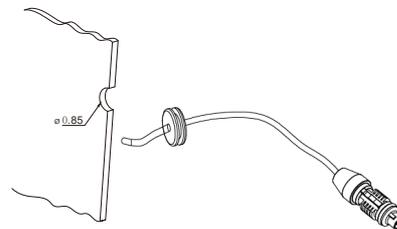
\* When using spacer, be sure to use liquid sealant around spacer to prevent water intrusion into the vehicle

### Bracket Mtg. Hole Dimensions



Unit: Inch

### Recommended Grommet Hole



Unit: Inch