

CAMERAS

Camera Features

- Color or B/W
- Format 1/4", 1/3", 1/2", 2/3", 1"
- "C" and "CS" mount.
- Standard/High Resolution
- DC/Video Auto-Iris
- 24V AC, 12V DC
- Lux Rating
- Backlight Compensation
- AES (Automatic Electronic Shutter)
- AGC (Adjustable Gain Control)

Camera Formats

1/4"

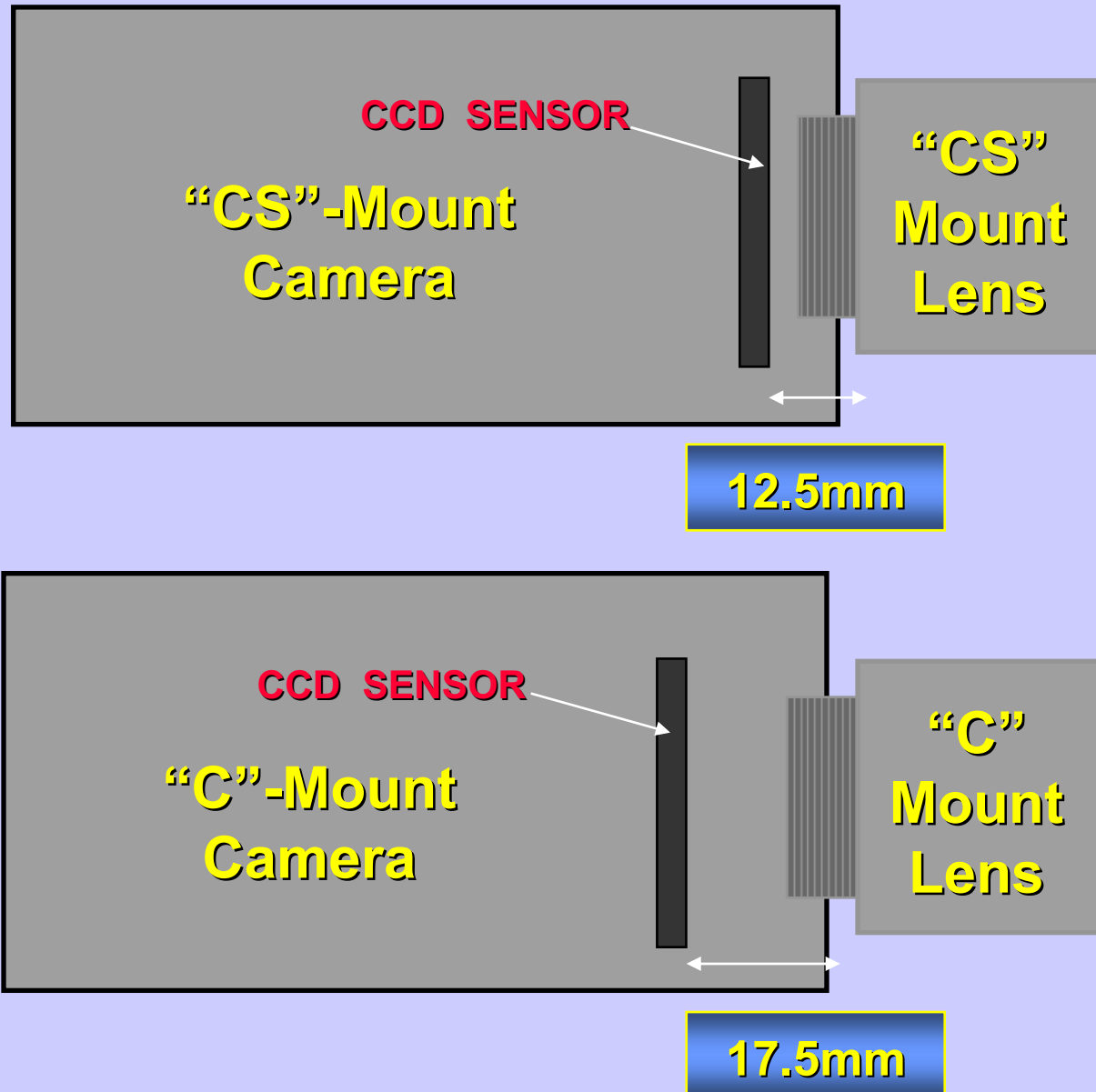
1/3"

1/2"

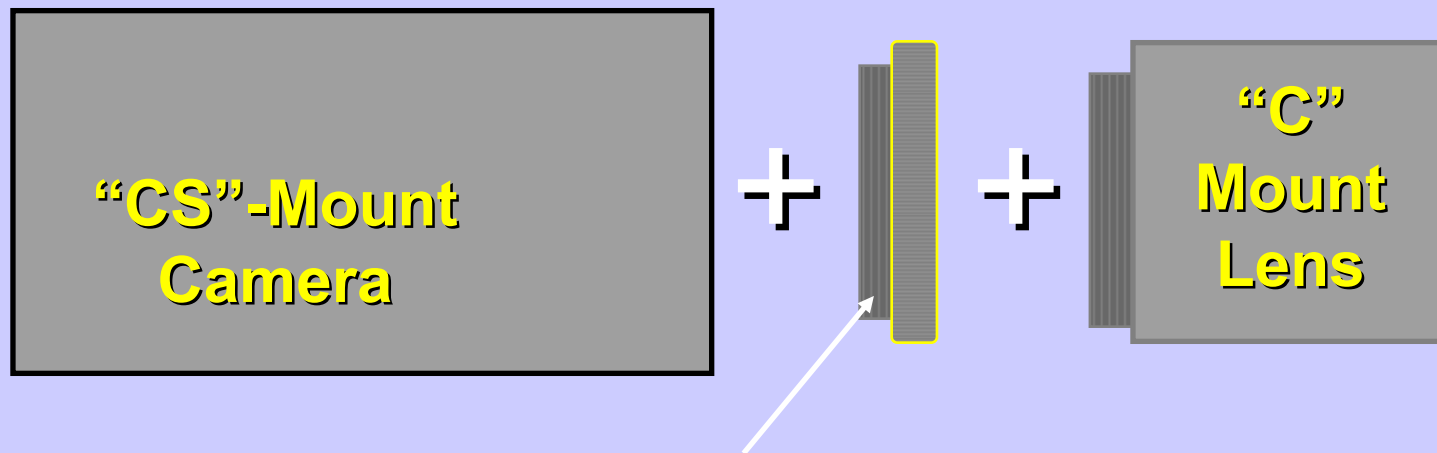
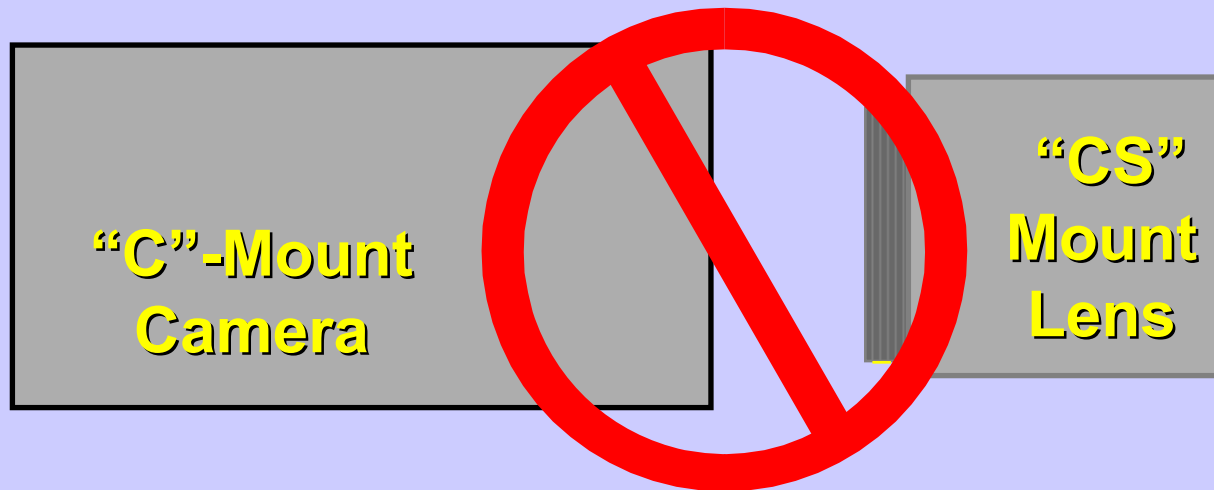
2/3"

1"

C vs. CS-mount

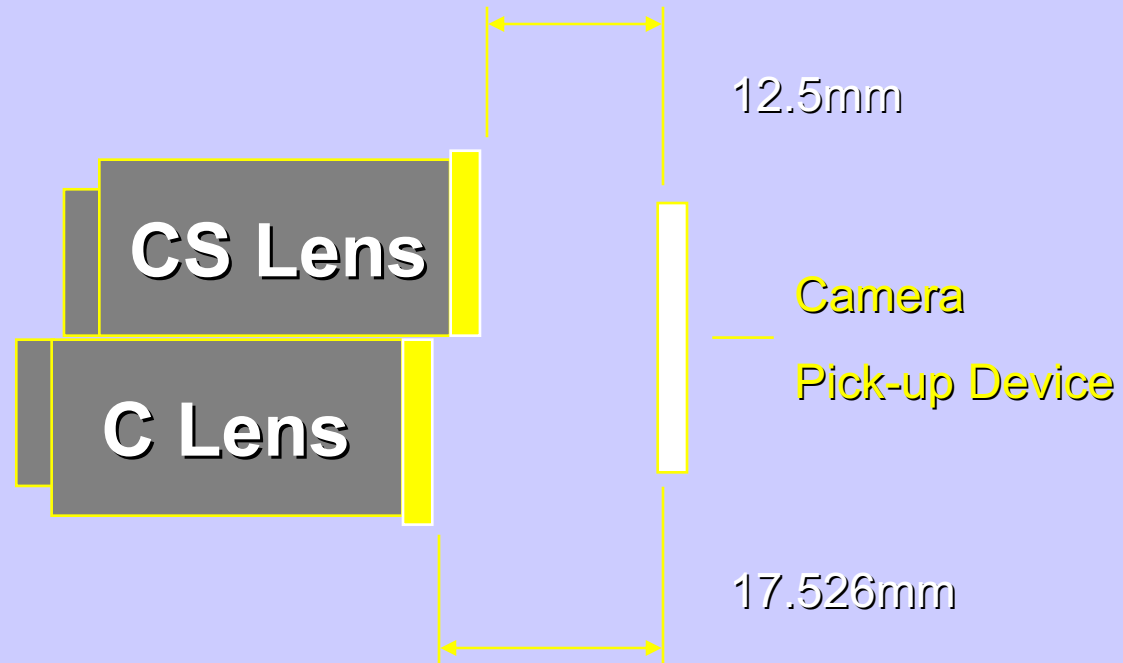


C / CS-mount Compatibility



5mm Adapter Ring

C vs. CS-mount



<u>Lens</u>		<u>Camera</u>
C	=	C
CS	=	CS
C + (CS Adapter)	=	CS

Resolution

- Standard Resolution - 330 lines for Color & 380 lines for B/W
- High Resolution - 470 lines for Color & 570 lines for B/W.

24V AC / 12V DC

- **24V AC**

- Longer distance from power supply to camera vs. 12V DC
- Ability to hook up multiple cameras to a single power source
- Polarity of power wires not required

- **12V DC**

- Can be used in mobile applications
- Correct polarity of power wires required

Lux Rating

- This is the measurement used to determine the amount of reflected light that is needed to produce a usable picture.
- The lower the number the less light is needed. (i.e. a camera w/.5 lux needs less light than one w/ 2 lux)

Backlight Compensation



Without



With

Automatic Electronic Shutter AES

- Automatically adjusts the camera shutter to compensate for light level changes
- Allows the use of no iris, or manual iris lenses
- Limited range for extreme lighting situations
- Less daytime depth of focus compared to auto-iris lenses

Automatic Gain Control AGC

- Amplifies the video signal for better low light performance
- Turns on automatically in low light
- Adds “noise” to the picture as a result of the video being amplified