

# EGE-W Series

The EGE-W Series is a compact OEM color CCD camera based on high-resolution 1/4, 1/3, and 1/2 inch color CCDs with a wiring harness between the main camera boards and the CCD board. This manufacturing method provides better reliability in applications where the head will be flexed or repositioned often.



**EGE-W-45N**  
Images shown not actual size

## Features

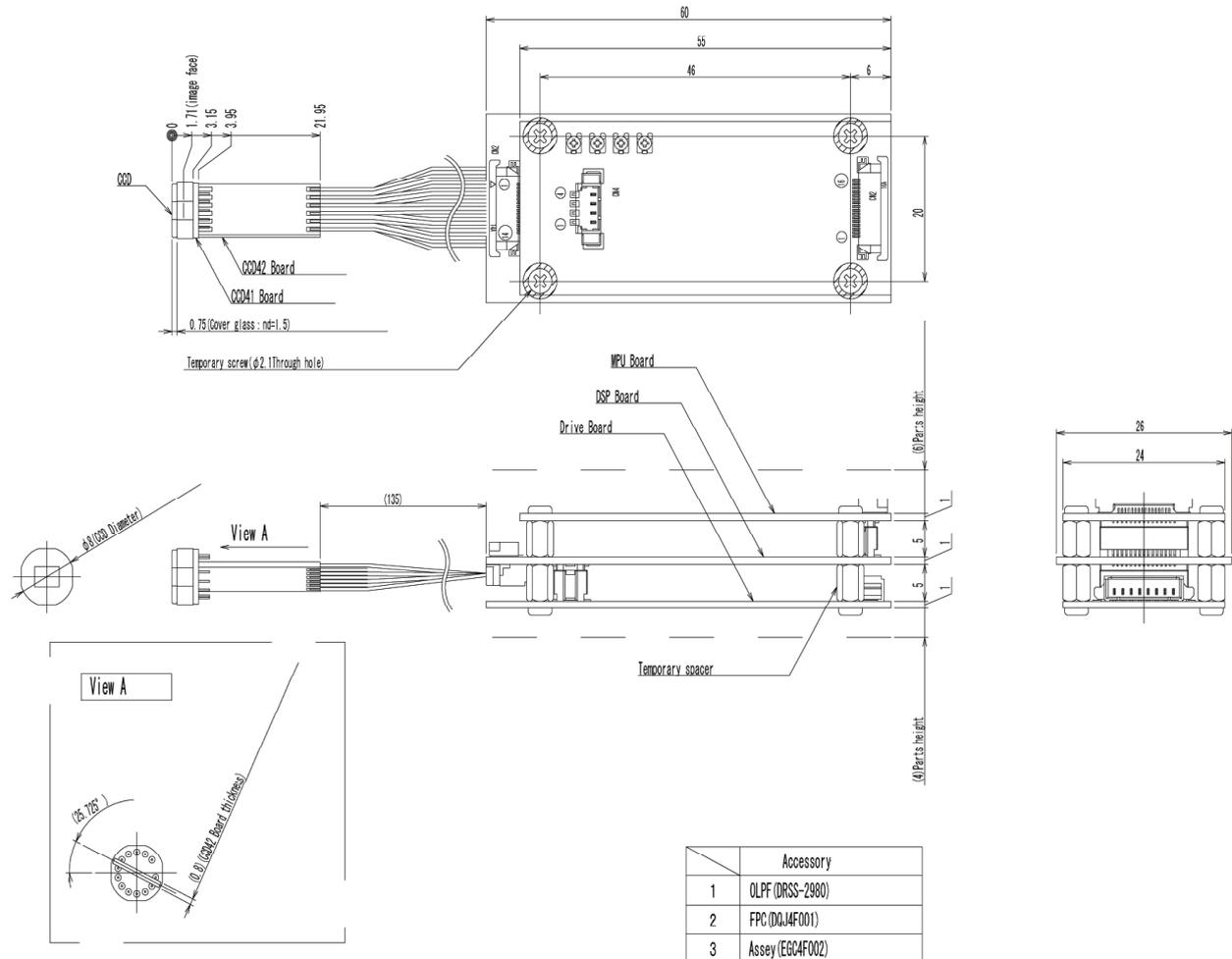
- High Resolution
- OEM
- Compact
- NTSC & PAL Formats

## Specifications >>

<b>Image Sensor:</b>	IT CCD (ICX228AKB - NTSC) (ICX229AKB - PAL) EGE-W-25N (NTSC): Color 1/2" 768 (H) x 494 (V) EGE-W-25P (PAL): Color 1/2" 752 (H) x 582 (V) EGE-W-45N (NTSC): Color 1/4" 768 (H) x 494 (V) EGE-W-45P (PAL): Color 1/4" 752 (H) x 582 (V)
<b>Connection to CCU:</b>	Wiring harness (length can vary 1 to 8 inches)
<b>Special Configuration:</b>	Available in a two-headed CCD configuration
<b>Signal Formats:</b>	Available in NTSC & PAL formats
<b>Horizontal Resolution:</b>	480 TV Lines
<b>Horizontal Frequency:</b>	15.734 KHz
<b>Vertical Frequency:</b>	59.94 Hz
<b>Gamma:</b>	0.45
<b>AGC:</b>	On/Off (0 to 18 dB)
<b>Minimum Illumination:</b>	0.6 Lux @ F 1.2
<b>Video Out:</b>	1.0 V <sub>p-p</sub> , 75 Ω
<b>Y/C Out:</b>	1.0 V <sub>p-p</sub> , 75 Ω
<b>Sync. System:</b>	Internal
<b>White Balance:</b>	ATW / Manual / Push-to-Set
<b>Aperture Gain:</b>	Off/On (On has two levels - user definable) - 2-Bit - Status output
<b>Electronic Shutter:</b>	1/60 to 1/10,000 second
<b>Fixed Shutter:</b>	Low Speed: 2FLD to 16 FLD (8 steps) High Speed: 1/60 to 1/10,000 (8 steps)
<b>S/N Ratio:</b>	>48dB (AGC Off)
<b>Negative Postive:</b>	Selectable
<b>Back Light:</b>	Backlight compensation at electronic shutter
<b>Power Required:</b>	6 to 8 VDC
<b>Power Consumption:</b>	270 mA
<b>Operating Temperature:</b>	-10°C ~ 45°C (14°F ~ 113°F)
<b>Storage Temperature:</b>	-30°C ~ 60°C (-22°F ~ 140°F)
<b>Weight:</b>	35 g (1.23 oz.)
<b>CCU Dimensions:</b>	26 (W) x 19 (H) x 60 (L) mm
<b>CCD Head Dimensions:</b>	8mm diameter

>> EGE-W

Mechanical Drawings



**Note:** (Dimensions are given in mm)

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