1/3-Inch CCD High Resolution General Purpose DSP Color Camera

ADEMCO Video's ACC470E 1/3-inch CCD color camera is the premier choice for everyday surveillance.

Designed for a broad range of surveillance applications, ADEMCO Video’s ACC470E features high resolution of 490 TV lines and Digital Signal Processing (DSP) for clean, sharp images. Adaptable to varying light levels, the camera features a sensitivity of 1.5 lux, Automatic Electronic Shutter (AES) and Automatic Gain Control (AGC). For changing lighting conditions, the ACC470E supports DD or Video Drive auto iris lenses.

The ACC470E is compact and unobtrusive. It features a fully isolated power supply that enables multiple cameras to be connected to a single 24 VAC source. The camera also features phase-adjustable line-lock for roll-free operation.

The ACM470E is part of ADEMCO Video’s eSeries, featuring products of exceptional value and performance for everyday use.

FEATURES:
- 1/3-inch color CCD
- 490 TV lines resolution
- 1 lux low-light sensitivity
- Digital Signal Processing (DSP)
- Automatic Backlight Compensation (BLC)
- Automatic Electronic Shuttering (AES)
- Supports DD or Video Drive auto iris lenses
- C/CS lens mount
- Phase adjustable line-lock
- Internal isolation transformer
- Low power consumption
**OPERATIONAL**
- **Image Sensor:** 1/3-inch interline transfer SONY® CCD sensor
- **Effective Pixels:** 763 (H) x 494 (V)
- **Sensitivity:** 1.5 lux. Usable picture with F1.2 lens and 80% scene reflectance (AGC On)
- **Resolution:** 490 TVL
- **Video Output:** 1 Vp-p composite video via 75Ω BNC connector on the rear of the camera.
- **Signal to Noise Ratio:** 48 dB (AGC Off)
- **AGC:** On/Off selectable
- **Auto Electronic Shutter:** 1/60s – 1/100,000s, On/Off selectable
- **Backlight Compensation:** On/Off selectable, center-weighted
- **Sync System:** Internal/line-lock selectable
- **Adjustable V-phase:** Adjustable line-lock vertical phase
- **Adjustable ALC:** Adjustable level control for auto iris lenses

**Lenses Options**
- **Manual:** 'C' or 'CS' mount (1/3" or larger)
- **Auto Iris:** 4-pin square type socket on side of the camera can be wired for DD or Video Drive lenses

**Electrical**
- **Power Supply:** 24VAC ± 10% (21.6 – 26.4)
- **Input Power Isolation:** Internal transformer
- **Power Consumption:** Nominal 4.2 W (4.5 W max)

**MECHANICAL**
- **Lens Mount:** C/CS (C-mount adapter supplied)
- **Camera Mount:** 1/4-20 UNC mount plate (top or bottom)
- **Dimensions:**
  - 2.55" (W) x 2.20" (H) x 4.95" (D);
  - 65 x 56 x 126 mm
- **Weight:** 1.4 lbs (630g)
- **Color:** Cool gray

**CONNECTORS AND REAR PANEL**
- 1/3-Inch CCD High Resolution Color Camera

**ENVIRONMENTAL**
- **Operating Temperature:** 14° to 122°F (-10° to +50°C)
- **Operating Humidity:** 20% to 80% relative humidity; non condensing
- **Storage Temperature:** 14° to 158°F (-10° to +70°C)
- **Storage Humidity:** 20% to 90% relative humidity, non condensing