

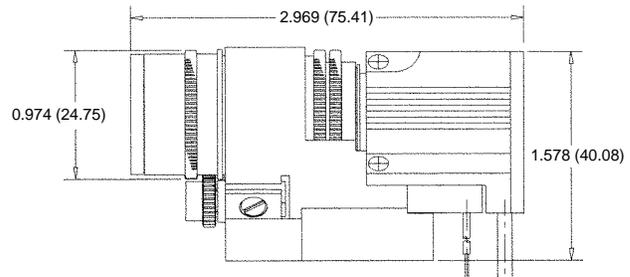
FEATURES

- ⊕ Suitable For Head Up Display Applications
- ⊕ Adjustable Field of View
- ⊕ Compact Size, Minimal Obstruction
- ⊕ Vibration and Shock Resistant Iris System
- ⊕ Cable Connecting Remote Head to EU
- ⊕ EU Connector Options

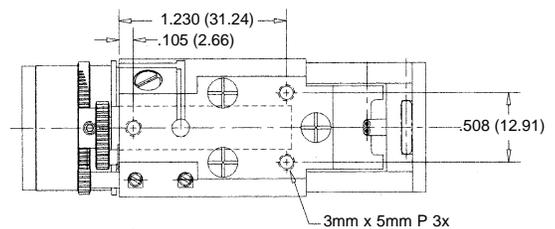


General Description

The RSC-384-XXI is a ruggedized high resolution color remote head camera which includes a compact variable field of view lens with motorized iris, specifically developed for harsh environments and applications where an optimal field of view is required. Auto iris control is provided via driver circuitry located in the camera's EU or remote RPS-77 power supply. The CCD sensor is remoted from the EU (where XX is the distance) with either flexprint or round cable. Various EU connector types, including high density Hirose or Molex also available.



Side View



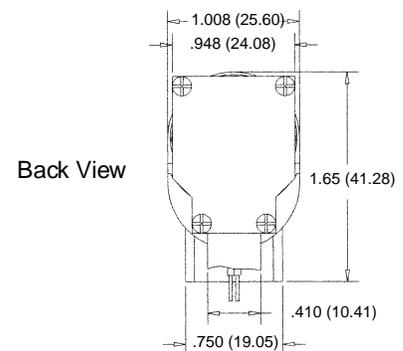
Bottom View

Technical Specifications

Signal System	NTSC (Y/C Selectable), PAL
Horizontal Resolution	470 TV Lines
Focal Length Range:	6-18mm
Field of View for 1/2" Format:	56° x 43° to 20° x 15° (H x V)
Field of View for 1/3" Format:	43° x 34° to 15° x 12° (H x V)
Aperture:	f/2.8 to f/16
Sync System	Internal/External, HD/VD
Shutter	1/1000, Flickerless, CCD Iris
S/N Ratio	Better than 48 dB

Environmental Specifications (Design Goals)

Storage Temperature	-55°C to +80°C
Operating Temperature	-40°C to +65°C (+80°C for 30 min.)
Altitude (Norm.Operational)	Sea Level to 200,000 ft.+
Altitude (Non-Operational)	-15,000 ft. to 200,000 ft.+*
Altitude (Decompression)	23,000 ft. to 43,000 ft., 15 sec.*
Storage Humidity	95% (50°C) to 85% (38°C)
Operating Humidity	5% to 90% relative humidity (non-condensing)
Vibration (Operational)	7G's RMS Random 15-2000Hz
Acceleration (Operational)	12 G's in all axes
Shock (Operational)	9 G's, 11ms half-sine, 3 shocks each direction 20 G's, 11ms half-sine, 1 shock each direction



Back View

*Please consult SEKAI for details.

Specifications subject to change without notice.

SE-115P 5/02

