

**Features**

- 🔴 1/3" Color CMOS Sensor
- 🔴 1280 x 720 Resolution (720p)
- 🔴 Adjustable Field of View (Fl. 6-18mm)
- 🔴 Sees Through Propeller Disk
- 🔴 Auto/Manual White Balance
- 🔴 Motorized Auto Iris
- 🔴 Analog Component/RGB Output


**General Description**

The Pilot's View camera is a great tool to record a training session in any aircraft type. Thanks to the camera's flexible design, it can be configured to be easily installed into most cockpits. Using the same technology as Sekai's proven HUD cameras, the Pilot's View camera offers a huge dynamic range of operations, from dusk/dawn light to full sunlight.

An additional benefit of the camera's advanced exposure control system, is it's ability to see through the propeller flicker, avoiding interference from seeing "freeze frame" of individual propeller blades, a common camera problem on single engine turbo-prop aircraft.

**Environmental Specifications\***

Storage Temperature:	-55°C to +80°C
Storage Humidity:	5% to 95% RH, non-condensing
Operating Temperature:	-40°C to +70°
Operating Humidity:	5% to 95% RH, non-condensing
Altitude:	-15,000 to 60,000 ft+
Vibration (non-Operational)	3G's RMS Random 5-2,000Hz, all axes:
Vibration (Operational)	1G's RMS Random 15-2,000Hz, all axes:
Acceleration:	5G's in all axes
Shock (non-Operational):	3G's, 30 ms, half-sine, 6 shocks each direction.

\*Environmental specifications are design goals.

**Video Specifications**

Image Sensor:	1/3" Color CMOS
Effective Pixels:	1329 x 1049
Sync. System:	Internal
Resolution:	1280 x 720 (720p)
Sensitivity:	F4.0 2000lx
Minimum Illumination:	[60 fps, 59.94 fps]: F2.5 6.0lx (w/ dedicated board camera lens) F1.4 3.0lx (with F1.4 lens) [50 fps]: F2.5 5.0lx (w/ dedicated board camera lens) F1.4 2.5lx (with F1.4 lens)
Gain:	AGC(Max gain: +18dB, +24dB, +30dB, +36dB) MANUAL: 0dB~36dB OFF: (0dB)
Electronic Shutter:	OFF: 1/60(60 fps, 59.94 fps), 1/50(50 fps) FL: 1/100(60 fps, 59.94 fps), 1/120(50 fps) MANUAL: 1/10k, 1/4k, 1/2k, 1/1k, 1/500, 1/250, 1/120, 1/100, 1/60, 1/50, 1/30, 1/25, 1/15, 1/8, 1/4, 1/2, 1s, 2s, 4s, 8s AUTO: 1/10ks~8s (can set upper or lower limit)
White Balance:	ATW1: 2200~9000K, ATW2: 3200~6500K Preset: 3200K, 4800K, 6500K Manual: 2200~9000K
Focal Length Range:	6-18mm
Field of View Range:	43° x 33° to 15° x 11° (H x V)
Iris System:	Motorized Iris
Digital Zoom:	4x
Input Voltage:	9V to 15V DC
Power Consumption:	3.0W (Max. 3.6W) at 12VDC
Weight:	Approx. 1.1 lbs

Specifications are subject to change without notice.

17 June, 2011