

SENTECH

Industrial Auto Focus Block Cameras



Industrial Auto Focus Camera STC-AF56 Series



Sentech proudly introduces the new STC-AF56 auto focus block camera. It is the first industrial grade auto focus block camera specifically designed for industrial and low vision applications. The STC-AF56 is ideal for applications where precision detail is required using auto focus and zoom capabilities with a close target.

STC-AF56 Features:

- **Full Optical Zoom: 22X** (47X mag on 17" Monitor)
- **Auto Focus Includes:**
 - Auto Focus Stability (Reduced hunting during target movement)
 - Auto Focus Tracking (When object height changes)
 - Maintains Superior Text/Image Legibility When Object is in Motion
 - Manual Focus Override
- **Normal, High Contrast, and Super Contrast Modes**
- **On Board Video Processing**
 - 16 Combinations of Pseudo Colors
- **RGB Interlace, RGB Progressive, Composite & Y/C Out**
- **Adjustable H & V Line Markers & Shading**
- **Direct Connection to TFT Computer Monitor or Video Monitor**
- **Normal/Mirror Image Selectable**
- **RS232C Communications for Camera Control**

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STC-AF56 Series Specifications >>>

Model	Video Out	Video Frequencies
STC-AF56 Scan	Composite & Y/C	Horizontal: 15.734kHz Vertical: 59.94Hz
	RGB Interlace	Same as Above
	RGB Progressive	

Signal Format:	Composite, Y/C, RGB Interlace, RGB Progressive
Scanning Mode:	Normal and Mirror Image - Selectable
Scanning System:	Interlaced/Non-Interlaced
Resolution:	Horizontal: 330 TVL, Vertical: 350 TVL
Minimum Illumination:	4.5 Lux @ F 1.6 @ 50 IRE (-6dB with 75% Scene Reflection)
White Balance:	Auto and Manual (Range:3000° K to 7000° K)
S/N Ratio:	>48dB (AGC OFF)
Gamma:	Selectable various gamma curves via RS232C
AGC:	On/Off Switchable (0-24dB)
Mechanical Iris:	Built In
Zoom Range:	3.9mm ~ 85.8mm (Optical)
Video Processing:	Normal Mode, High Contrast Mode, & Super High Contrast Mode - High Contrast Mode Includes: Negative/Positive (Selectable) and Pre-Programmed Pseudo Colors: Up to 16 Combinations (user defineable)
Communication:	RS232C
Power Supply:	+12VDC +5-10% Operating Range
Operating Temperature:	-10° C ~ 45° C (14° F ~ 113° F)
Operating Humidity:	20% ~ 80% RH Non-Condensing
Dimensions:	57(W) x 52(H) x 81(D) mm

- STC-AF56B Includes Optional 250mm Closeup Lens