

# VIDEOLOGY®

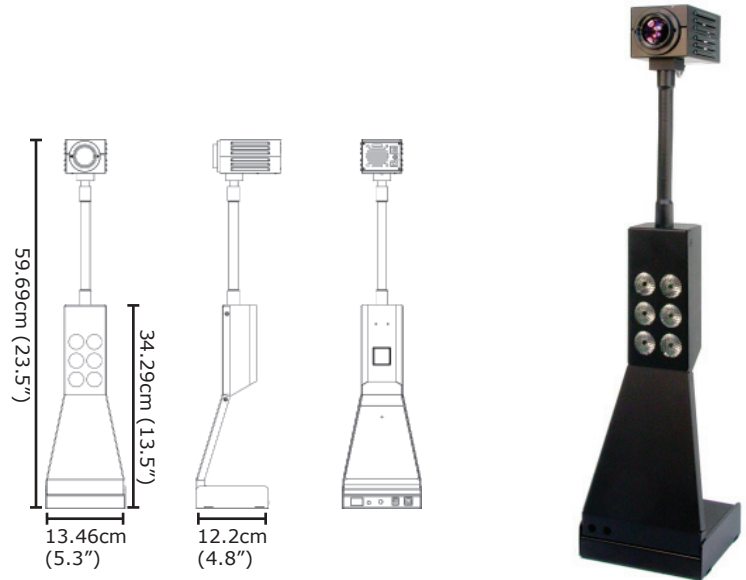
IMAGING SOLUTIONS INC.  
Original Equipment Manufacturer

## USB, Megapixel Color Autofocus Zoom Camera for Photo Identity Systems with LED Lighting

24Z704USB-SYS

### Product Features

- 2 megapixel progressive scan sensor
- WDM, TWAIN, DirectX/DirectShow compatible
- Still image capture with streaming video
- Autofocus, 10x optical zoom
- Software Development Kit available
- Cool energy efficient white LEDs replace "hot" incandescent light or flash and last 1000x longer
- On/Off & dimmer for LEDs
- No shadows or hotspots due to lighting placement
- Heavy steel construction
- Flexible gooseneck stand
- Small footprint saves table space
- **FIPS 201 compliance (in conjunction with appropriate software)**



### Technical Specifications

Electrical	24Z704USB-SYS
Image Sensor	1/3" CMOS progressive scan
Viewer Display	1280 x 1024
Total Pixels (HxV)	1600 x 1200
Scanning System	Progressive Scan
Scanning Frequency	19.5KHz x 15Hz (HxV)
Resolution	800 TVL
Sensitivity	1 lux (30 IRE)
Display Resolution	1280 x 1024
Still Capture	1280 x 1024 pixels
Signal To Noise Ratio	≤ 40dB (max)
Synchronization	Internal
Scan Mode	Progressive scan
Flickerless Mode	Yes (always on, NTSC/PAL configurable)
Contour Enhancement	Yes (text mode or image mode)
Mirror Mode	Yes (horizontal/vertical)
Positive/Negative Mode	Yes
Video Output	USB 2.0
Control Communication	USB bus
Shutter speed	1/20 - 1/1000 sec.
White Balance	Auto/manual
Brightness	Manual
Iris	Auto/manual
Power Supply	12VDC (10 - 14VDC)
Power Consumption	3 Amps
Special Functions	Freeze, H/V reverse, Save & recall images
Lighting	6 lensed super bright LEDs

### USB Video

Video Capture	Yes (via software)
High Resolution Still Image Capture	Yes (via software)
Supported Image Formats	Uncompressed YUV422
USB Bandwidth	USB 2.0

### Environmental

Operating Temp.	-10°C ~ 50°C (recommended 5° C ~ 40° C)
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### Mechanical

Dimensions (WxDxH)	13.46cm x 59.69cm x 12.2cm (5.3" x 23.5" x 4.8")
Weight	2.31 kg (5.1 lbs)

### Software

Viewer (included) SFT-10002	<ul style="list-style-type: none"> <li>• WDM device drivers</li> <li>• DirectX/DirectShow compliant</li> <li>• TWAIN compliant (requires driver installation)</li> </ul>
SDK (optional)	Complete software development kit and support for OEMs

### Recommended System Requirements

Hardware	Pentium IV	2.3GHz +, 1GB hard drive, Intel USB 2.0 Host controller
Software	Windows 7	32 bit and 64 bit
	Windows Vista	32 bit and 64 bit
	Windows XP	Service pack 2 +, DirectX 9.0c or above

### Accessories

Included	60C1012	10' USB 2.0 cable
	70V0808	table clamp x4
	60PR12DC5.0A-AFZ	12VDC power supply (3A)
	60C0021	USA plug
Included with P model	60C1118	Euro plug

### Complementary Models

24Z704USB-SYS-P	PAL version (50 Hz)
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### Government Compliance

FIPS 201
<i>In conjunction with appropriate software</i>

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All data subject to change without notice.

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