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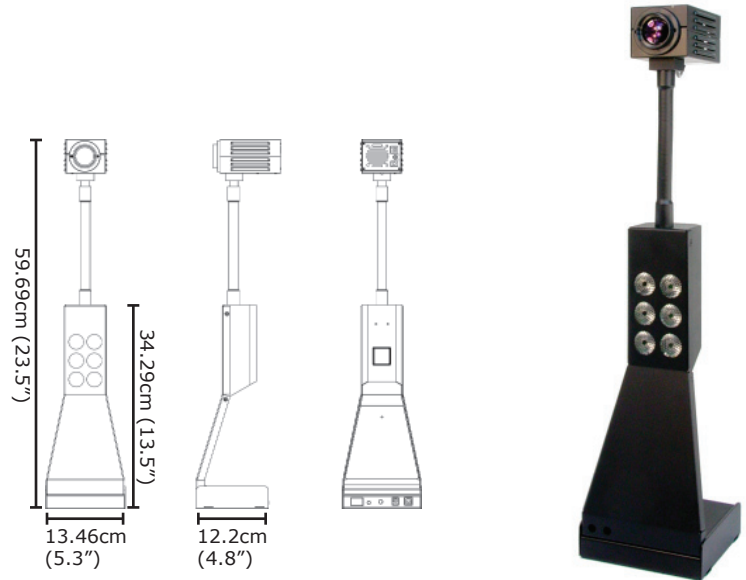
IMAGING SOLUTIONS INC.
Original Equipment Manufacturer

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"> • WDM device drivers • DirectX/DirectShow compliant • TWAIN compliant (requires driver installation)
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
In conjunction with appropriate software

06/14/11 PDS-24Z704USB-SYS Rev D

All data subject to change without notice.

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