

SCALAR

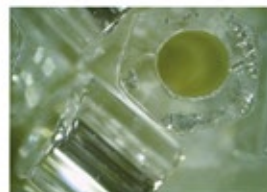
Digital/Analog Microscope

SDA-1



Works with PC and TV

Continuous magnification from 0x to 300x without changing a lens!



※ A stand is necessary, but not included in SDA-1 set. Stands available through Scalar or other suppliers.

Magnified Images Right on Your PC or TV

Applications include quality control inspection, lab work and educational research.

Measurements can be made with our optional software-MicroMeasure

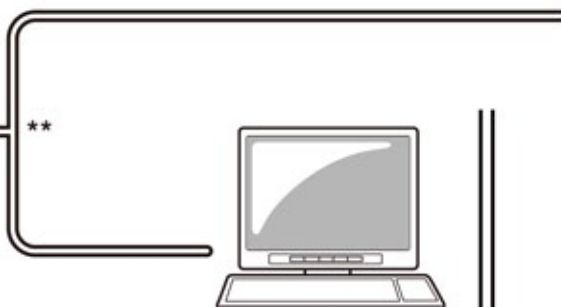
System Configuration



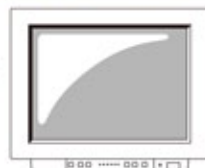
SDA-1



Optional Stand*



PC
(Image Viewer Software is included)



TV Monitor



Optional Measurement Software
MicroMeasure

* A stand is necessary, but not included in SDA-1 set. Stands available through Scalar or other suppliers.

** Simultaneous output for TV and PC is not supported.

Specification

Imager	1/4 inch CCD 410,000pixels Effective pixels approx. 380,000 pixels
Interface	Video Out Terminal:NTSC, RCA Connector USB Terminal:USB mini B (8bitVideoA-D,Maximum Resolution 720 x 480)
Magnification	1x~300x
Light Source	LED
Image Settings	Auto. When the light is on: Fixed White Balance, AGC, Auto Shutter Speed. When the light is off: Auto White Balance, AGC, Auto Shutter Speed.
Power Supply Voltage	DC12V (AC Adaptor AC100~240 50/60Hz)
Power Consumption	500mA
Operating Temperature	0~40

Operating and Storage HumidityInterface	20~80% (no-condensation)
Dimensions	85 x 80 x 205mm
Weight	Approx. 600g
Compliant Standards	VCCI, FCC
Application	Scalar SDA (CD included)
Camera Thread Input	1/4-20 UNC
Optional Accessories	XY Stand XYZ Stand MicroMeasure (Measurement Software)
System Requirements	Windows XP SP2 or later. USB Port: Factory installed USB 2.0 CPU: Pentium 4 - 1GHz or above or equivalent AMD processor. Not UVC Compliant.

Magnification	Operating Distance(mm)	Focal Depth(um)	Field of View(mm)
50	55	2000	5.2 x 4
100	37	550	2.6 x 2
150	32	440	1.73 x 1.33
200	28	250	1.3 x 1
250	27	200	1.04 x 0.8
300	26	160	0.8 x 0.67

<http://www.myguard.com>

MYGUARD
www.myguard.com

遠京企業股份有限公司
MYGUARD CO., LTD.

TEL: +886-3-327-0080

FAX: +886-3-327-0082

E-Mail: info@myguard.com

*所有其他產品之圖片及品牌名稱皆可能為各家持有公司之商標或註冊商標。
*功能及規格如有變動，恕不另行通知。

●Product information in this catalog is as of October 2008. ●Product appearance and specifications are subject to change.
●Since this is a printed catalog, the colors of products shown may differ slightly from those of actual products.
Copyright © 2008 Scalar All Rights Reserved