ASG Manual

CE

Convenience

Stylish

Easy

INDEX

PC RECOMMENDATION

Minimal recommendations:

◆ CPU: over P4 1.4GHz

◆ Memory: over 512MB RAM

◆ USB: 2.0 supportable (over 2 ports)

◆ CD Rom drive

◆ Over DirectX 9.0C

◆ OS Windows XP SP2, Vista, 7, 8

ASG MAIN COMPONENTS
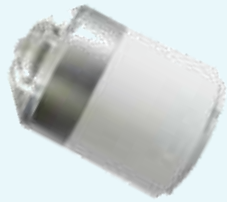
X200 lens

X60 Triple lens (normal hair & normal skin, polarizing)

DC 5V adaptor

USB Cable (PC ↔ASG)

Main Power Switch

RCA cables

X1 lens   **X10 lens**   **X1000 lens**

X1-SG   X10-SG   X1000-SG

4

ASG FULL SET

ASG Full set

1. Camera Base
2. Main Camera
3. X1 Lens
4. X10 Lens
5. X60 Triple Lens – normal, polarizing, cross-polarizing mode
6. X200 Lens
7. X1000 Lens
8. DC 5 V adaptor
9. USB Cable
10. RCA Cable
11. Lens Holder
12. Lens air blower
13. Lens wiping cloth

INSTALLATION

First install the ASG software with drivers supplied on CD or USB 2.0 Flash Drive by following directions on the screen. Only after completion connect ASG to computer by using USB cable! You can also connect ASG to TV monitor or Projector by using AV cable. Refer to ASG all cable network connections layout below.

VIDEO-IN

AV(TV) - Moniter

USB 2.0

COMPUTER

AC-IN
110~220V
[50/60 Hz]

6
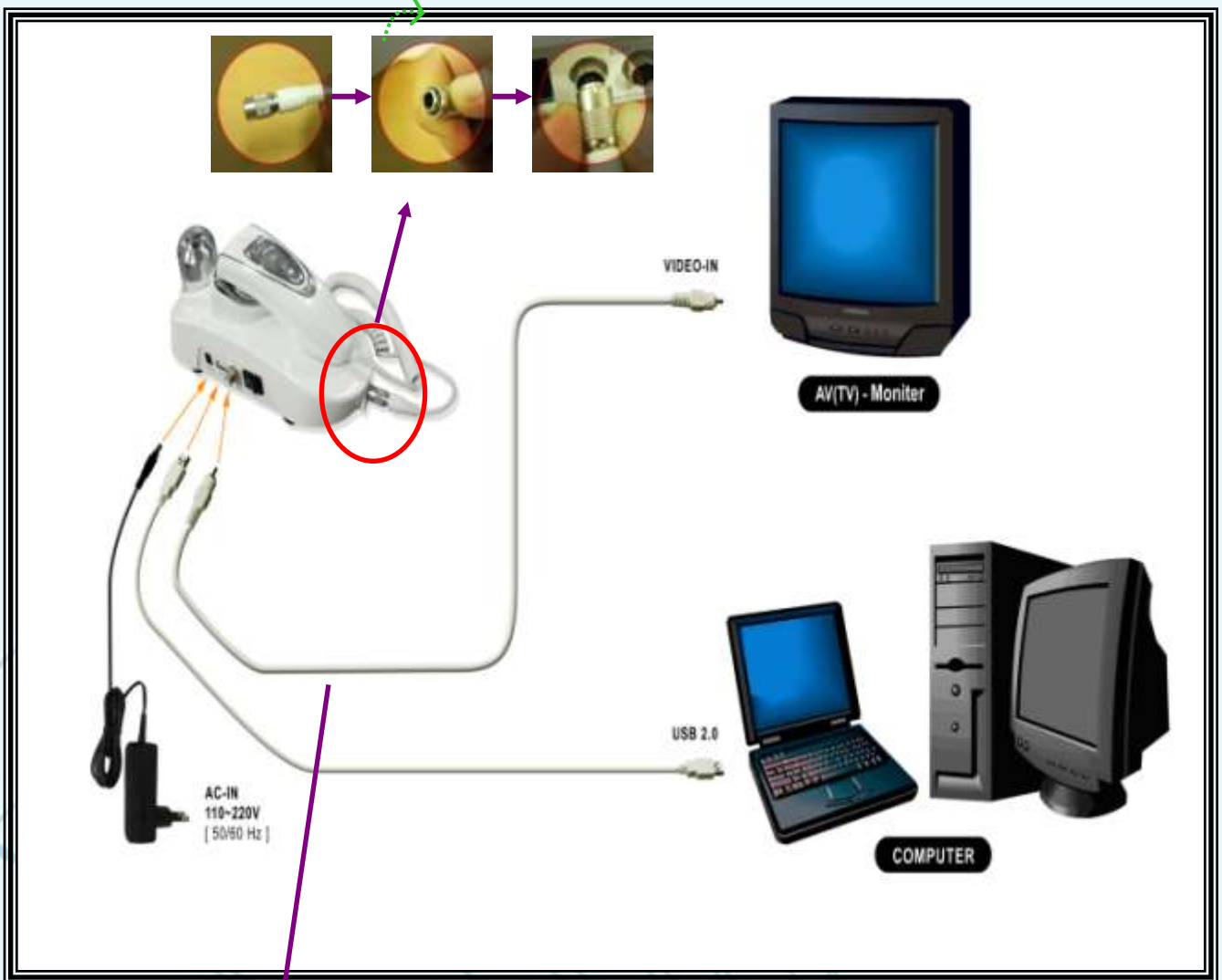
ASG FEATURES

	NTSC	PAL
Image Sensor	1/4" SONY Super HAD CCD	
Sync System	2:1 Internal	
Resolution	480TV Lines (Horizontal)	
Effective Pixels	410,000	470,000
Video Output Signal	1.0Vp-p Composite 75ohm / USB 2.0	
Camera Function	Live, Capturer, TPL mode, Normal mode	
5 Lens Set	X1, X10, X60 triple, X200, X1000	
Disinfection	UV Disinfection Lamp	
White Balance	Automatic white Balance	
Min Illumination	0.1 Lux at F2.0	
Operative Tempe	14℉~122℉(-10℃~50℃)	
Humidity	Within 90%RH	
Power Source	110 – 220 VAC, 50-60Hz	
Dimensions	86(W) X 99.5 (H) X 245(L)mm	

Please be sure to check which TV monitor you are using. ASG is supplied by default with NTSC type, if you want to have **PAL type** you need to request it!.
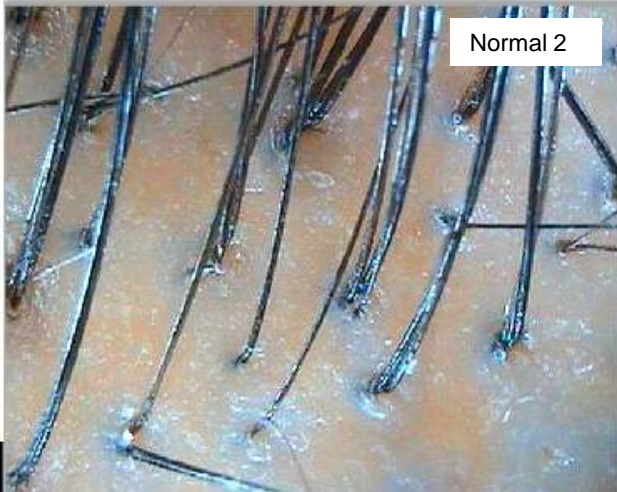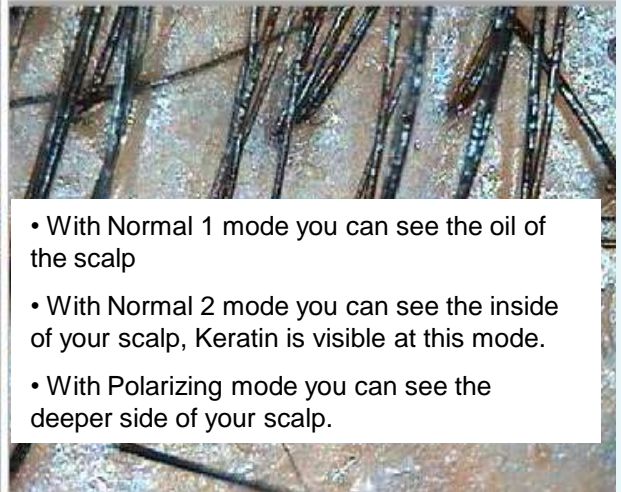
TRIPLE MODE IMAGES

Normal 1

Polarizing

Normal 2

• With Normal 1 mode you can see the oil of the scalp

• With Normal 2 mode you can see the inside of your scalp, Keratin is visible at this mode.

• With Polarizing mode you can see the deeper side of your scalp.

These 3 images are the same area of the scalp which is captured by 3 different mode of X60 lens.
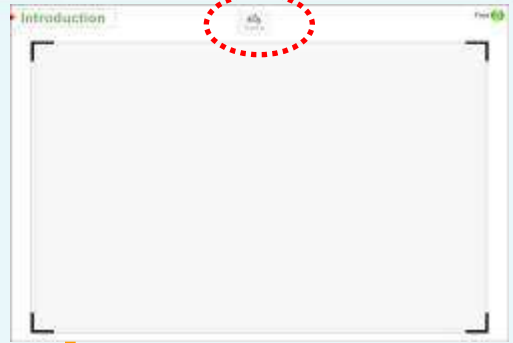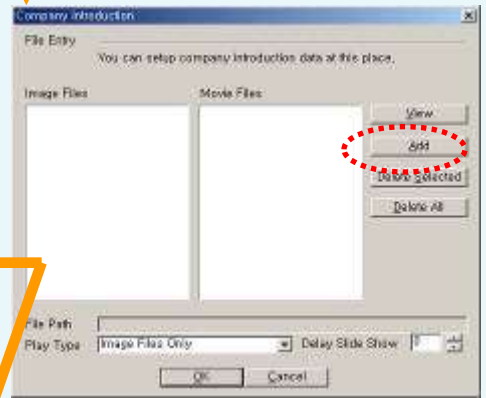
Normal 1

Polarizing

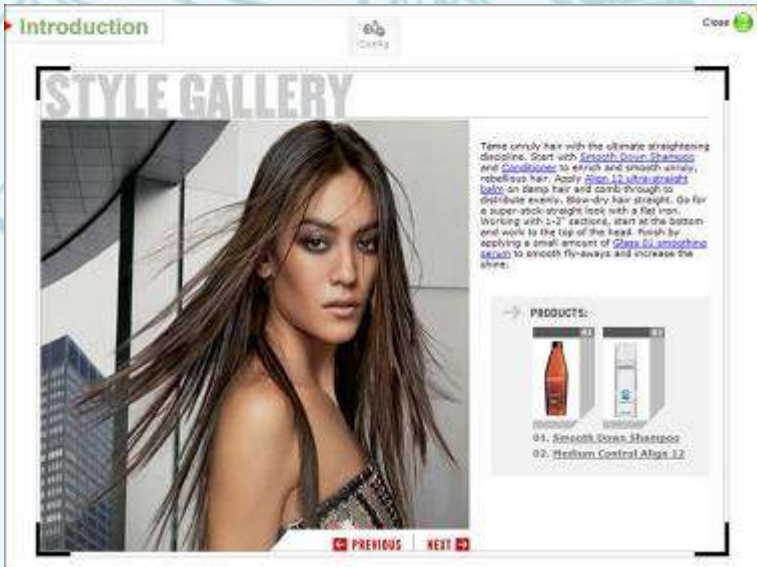**Normal 2**

Hair XP pro Introduction

Click Introduction button.
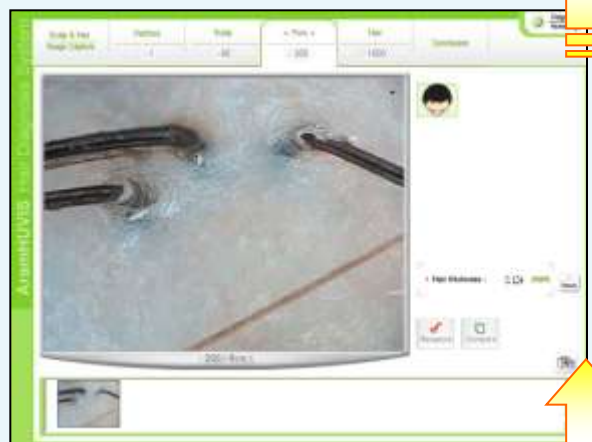

Click Config button.

Add image or movie files for Introduction. Especially for image files, set Delay Slide Show Time.

The recommended image size for slide show is 924X649 pixels, 72 dpi or higher.
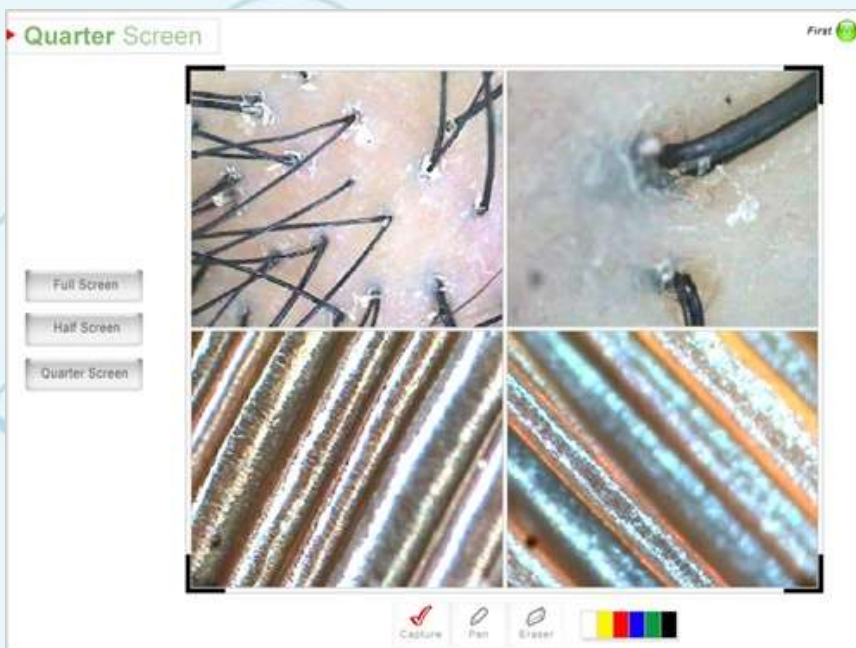
HairXP pro DIAGNOSIS
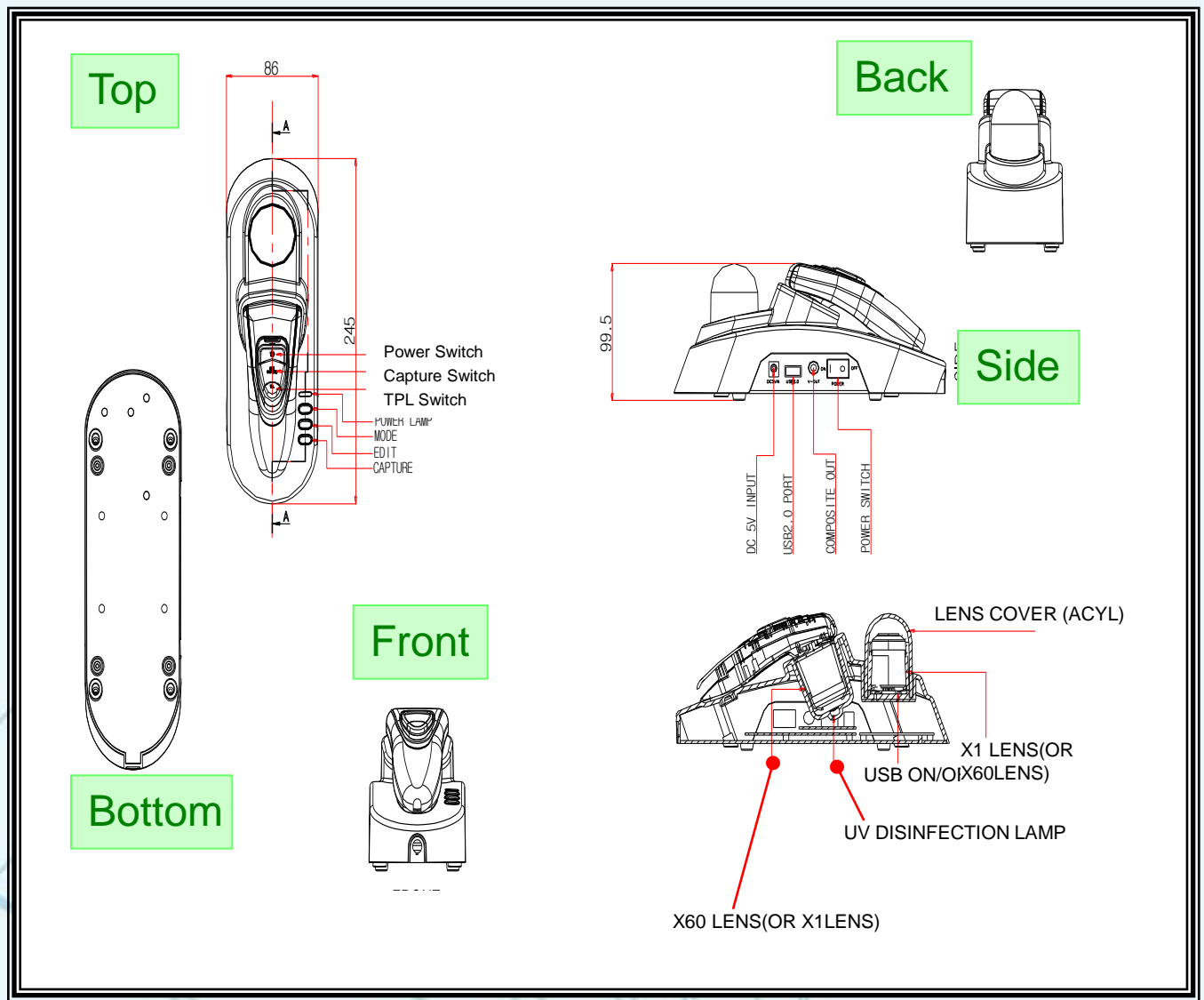
Hair XP pro View

Click View button.

View can be used for casual and quick inspection of client's hair and scalp condition.

Full screen, Half and Quarter function available.

With pen function & color palate, the tester (counselor) mark on the photos the spots for easy explanation.

Hair XP pro Reservation

Reservation Scheduling is available by clicking Reservation Button on Main pager Diagnosis Homepage.

Search Button shows existing clients list registered in Diagnosis Session.

Select the Client from this list.
Or register the client newly by typing name in the Client Name Field.

ASG DIMENSION

Top

86

245

Power Switch
Capture Switch
TPL Switch
POWER LAMP
MODE
EDIT
CAPTURE

Bottom

Front

Back

Side

99.5

DC 5V INPUT
USB2.0 PORT
COMPOSITE OUT
POWER SWITCH

LENS COVER (ACYL)

X1 LENS(OR X60LENS)
USB ON/O

UV DISINFECTION LAMP

X60 LENS(OR X1LENS)

ASG FAQ

The UV Lamp is not working!!

Inside of Main camera there is magnet for recognize whether the camera is laid or not. Hence if you don't pause the camera the UV light would not be turned on. If you want to check whether the UV lamp is working well please cross the camera like the photo 1 as below. You will see the lamp is turned on.

If you hold the camera the lamp will be turn off automatically like photo 2.
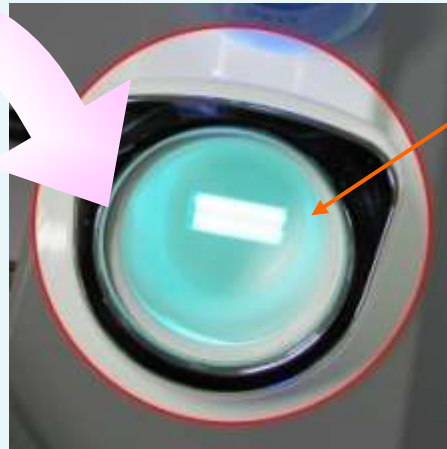
UV lamp for sterilization

Photo 1

Photo 2

14