User Manual of PRO10

Digital Portable Microscope

Version 2.5A

Before using the product, please read the Instruction Manual carefully and keep it appropriately for future reference.

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Contents

1. Products Introduction 2
   - 1.1 Packing Contents 2
   - 1.2 Functions of Microscope 2
   - 1.3 Operation of Microscope 4
   - 1.4 Program Functions of Microscope 5
   - 1.5 External Interfaces of Microscope 13
2. Program Installation 16
   - 2.1 Insert Installation CD (Step 1) 16
   - 2.2 Install Application Program (Step 2) 16
   - 2.3 Install Driver (Step 3) 16
   - 2.4 Quit Installation Program (Step 4) 16
3. Operate Application Program 16
   - 3.1 Video Preview Window 17
   - 3.2 Images Preview Window 17
   - 3.3 Main Menu 17
   - 3.4 Main Button 17
   - 3.5 Files List 18
   - 3.6 Special Functional Modules 18
4. Printed Notice 19
   - 4.1 Maintenance 19
   - 4.2 Product Sizes 20
   - 4.3 Safety Instructions 20
5. Application of PRO10 Supporters 21
   - 5.1 Shallow Contact Cap 21
   - 5.2 Instruction 21

1. Products Introduction

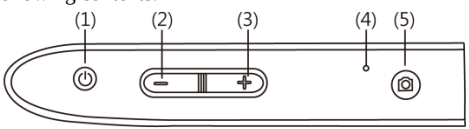
1.1 Packing Contents

Objects packed inside the box include one host and nine fittings as follows. Please charge the lithium battery for 6 to 8 hours for the first time. SD Card has been installed inside the host. Please refer to item (4) of Section 1.5 for dismount.

Name	Qty	Name	Qty
Host of Portable Microscope	1	Lithium Battery	1
USB 2.0 Transmission Line	1	Instruction Manual	1
USB Power Supply Device	1	Installation CD	1
AV Terminal Transmission Line	1	Protection Bag	1
2G Micro SD Card	1	Wrist Strap	1
Cleaning Cloth	1		

1.2 Functions of Microscope

Microscope appearance is composed of buttons, transmission and storage interfaces. For the functions of interfaces, please refer to the following contents:



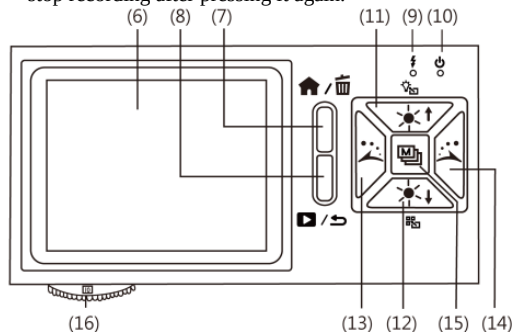
(1) Power Supply ⏻: press the button for two seconds to switch on the machine, and press the button again to switch off the machine.

(2) Zoom Out ▬: the button is applied to zoom out digital image [please refer to (H) and (I) of item (1) of Section 1.4].

(3) Zoom In ✚: the button is applied to zoom in digital image.

(4) RESET Hole: in case that the machine stops (which means no reaction in the image by pressing any button), insert slender clip into the hole to trigger the RESET button.

(5) Camera/Video REC ⏺: the button is applied to photograph in observing mode [please refer to item (1) of Section 1.4]. Press the button for a long time to enter Comparison mode. In the mode of Video Play, it can open files [please refer to item (2) of Section 1.4]. In Video REC mode [please refer to item (3) of Section 1.4], the button is used to start record video and stop recording after pressing it again.



(6) Display Screen: the screen to display image pictures.

(7) Function Menu /Delete : after entering observing mode, press the button to skip to the Function Menu ( ). In the mode of browsing photos (Album), press the button to delete photos [please refer to item (4) of Section 1.4]. The button is also used to delete videos in the mode of Video Play.

(8) Preview Photos /Back : Press the button to preview photos in observing mode ( ), and back to previous level or exit current image in other models.

(9) Charging Display Lamp : a red lamp to show the charging status if it is on. The lamp is off when the charging is completed [please refer to (G) of item (1) of Section 1.4].

(10) Power Supply Display Lamp : a green lamp to show the machine is switched on.

(11) Progressive-Brightness of Lights : brightness can be adjusted at 8 levels [please refer to (D) of item (1) of Section 1.4]. In observing model, the button is used to increase brightness of illumination (auxiliary sources). Press the button for a long time to switch LED mode [please refer to (B) of item (1) of Section 1.4]. Press the button to stop playing in the mode of Video Play. The button is also an optional one for operation in other models.

(12) Diminishing-Brightness of Lights : the button is used to decrease brightness of illumination. Press the button for a long time to switch the mode [please refer to (c) of item (1) of Section 1.4]. Plus, the button is an optional one for operation in other models.

(13) Rotate Lamp Sign Left : rotate left to switch lamp model. Press the button for a long time to display the mark of alignment in range, and press it again to shut down the mark [please refer to (J) of item (1) of Section 1.4]. The button is an optional one for operation in other models.

(14) Rotate Lamp Sign Right : rotate right to switch lamp model. Press the button for a long time to display the mark of crossing alignment, and press it again to shut down the mark [please refer to (K) of item (1) of Section 1.4]. The button is used to quickly play video forward in Video Play and optional operation button in other models.

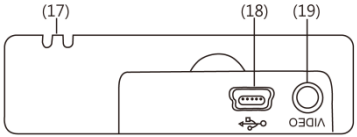
(15) Confirmation Button : a switching button of special effects in observing model [please refer to (C) of item (1) of Section 1.4]. Press the button for a long time to display scale , and press it again to shut down the scale [please refer to (L) of item (1) of Section 1.4]. Also, the button is applied to pause in Video Play and confirm in other models.

(16) Focus button: a button to adjust optical focus [please refer to item (1) of Section 1.3 and (E) of item (1) of Section 1.4].

(17) Hanging Hole: a hanging hole for the Wrist Strap [please refer to item (6) of Section 1.5].

(18) USB Connection Port: the port is applied to connect USB device to computer [please refer to item (6) of Section 1.4 and item (1) of Section 1.5].

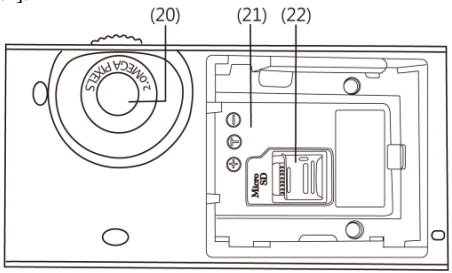
(19) TV Signal Output Socket: the socket is applied to connect to television [please refer to item (5) of Section 1.4 and item (2) of Section 1.5].



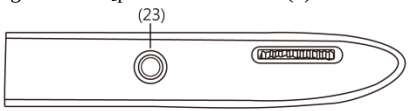
(20) Lens: the lens is applied to photography.

(21) Battery Container: position at which the lithium battery is placed [please refer to item (5) of Section 1.5].

(22) SD Card Slot: position at which SD Card is placed [please refer to item (4) of Section 1.5 and (F) of item (1) of Section 1.4].



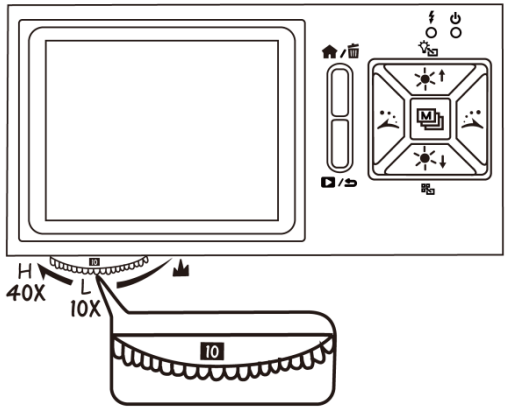
(23) Screw Hole of Rack: the screw hole is applied to fix machine through the rack [please refer to item (7) of Section 1.5].



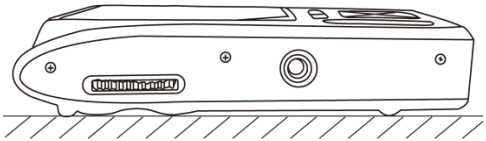
1.3 Operation of Microscope

First, please choose long shot or flush-way shot. Then adjust Focus button.

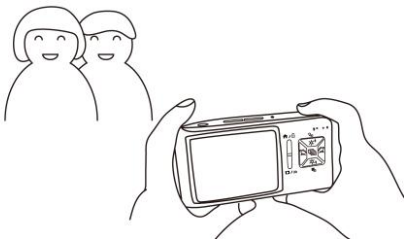
(1) Focus way: the focus is divided into three models composed of L, H and . L means low optical rate (10x), H means High optical rate (40x) and means long shot. Adjust photograph distance (height) to get one to ten times of magnification consecutively. Rotate to left for smaller magnification, and right for larger one. The symbol representing the rate is marked on the button of Focus. In the following image, the button is in the position of 10 times ( ) of magnification.



(2) Flush-way: there are only two focuses in flush observation. Adjust Focus button by turning left for low rate (10x) or turning right for high rate (40x) to observe. Turn left to get smaller rate and right for larger one. Adjust the button of Focus and move the symbol of rate on the button to the middle. Then, adjust slightly to get the clearest image. In the way of flushing, the observed article shall be plane without any concavo or convex. Otherwise, the symbol cannot be placed in the middle, nor the scale can be displayed correctly.

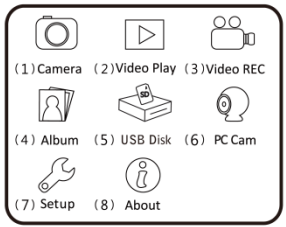


(3) Long Shot ( ): Adjust Focus button to move symbol of to the middle position, then slightly adjust it to get the most clear image. After focusing, shoot or photograph as the way of camera. In the long shot, you can choose the mode of camera [please refer to (C) of item (1) of Section 1.4].

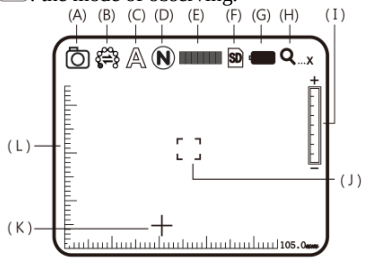


1.4 Program Functions of Microscope

There are 8 function modes in the program interface. Press Function Menu /Delete button to switch functional modes in the Camera. In other modes, press the button of Preview Photo /Back to back to the Menu and switch function as displayed in the following image:



(1) Camera : the mode of observing.

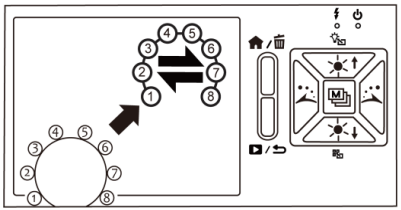


Please refer to the following image. Small presentations in the following image are used to representing function modes of

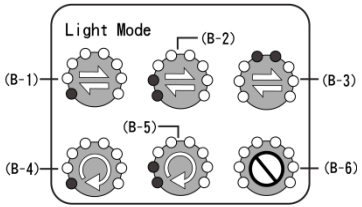
the machine follows:

(A) Current Mode : the machine is in observing mode by graphic of .

(B) Lamp Sign Model : there are 8 white LEDs on the machine for lighting. For the array and corresponding presentations of these LEDs, please refer to the following image.



- Press the button of for a long time to switch lamp signs among 6 modes, and use the buttons of , , and to select.



- Use to show model of manually swithcing. Press the button of or to switch lamp sign in the mode.
- Use symbol of to show automatic repetition mode. While starting this mode, press the button or to stop the repetition, and press it again to recover. Also, the repetition will be stopped automatically while pressing any other functional button, and please press button or to restart the repetition.
- For the light sources and six modes of lamp signs, please refer to the following graphics (the full means lighting lamp).

(B-1) Manually switching mode to light one lamp

(B-2) Manually switching mode to light two lamps

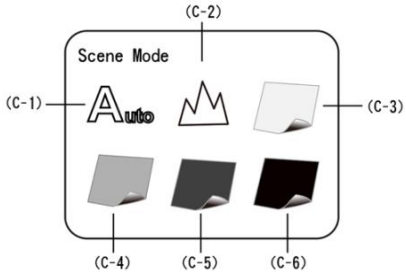
(B-3) Manually switching mode to light lamps progressively

(B-4) Automatic repetition mode to light one lamp

(B-5) Automatic repetition mode to light two lamps

(B-6) None lamp lights

(C) Sceme Mode A: Press the button of ☀↓ for a long time to switch among the six scene modes and use the button of , , ☀↑ and ☀↓ to select.



(C-1) A: Automatic mode, which is used as presetting.

(C-2) : Camera mode. LED will turn off automatically in this mode. Choose one of the lamp modes again, and the system will set Camera mode as the automatic one.

The following four modes can be selected according to brightness of observed article to achieve optimal result.

(C-3) : White mode, for example, the observed articles made of shining materials.

(C-4) : Grey mode, for example, the observed articles with light colors.

(C-5) : Dark Grey mode, for example, the observed articles with dark colors.

(C-6) : Black mode, for example, the observed articles with dark black.

(D) Special Effects Ⓝ: press M button to choose the following special effects models in observing model:

- Normal Ⓝ: general model without any special effect.
- Grey Scale Ⓖ: shows by grey scale to simplify and easily identify images.
- Reversed-phase Ⓘ: shows by complementary colors to strengthen faint-colored or over-lighted image.
- Relief Ⓔ: Outstanding show the edge and filter out non-marked image.

(E) Brightness of Lights : press ☀↑ and ☀↓ to adjust brightness of lights in the observing model. The brightness is divided into the following 8 levels:

level 0 (no light)		level 4	
level 1		level 5	
level 2		level 6	
level 3		level 7 (most bright)	

(F) SD Card Status : the sign of represnets SD card has been inserted into the machine, and means no SD Card inserted.

(G) Battery State : the state is divided into three types including Battery in Using, Battery Charging and USB Power Supply.

- Battery in Using : only use battery source without inserting any USB power supply as follows.

Full Capacity	High Capacity	Medium Capacity	Low Capacity

- Battery Charging : use USB power supply to charge the battery as follows. The charging will stop if the battery is full, and only USB power supply will be used. Power supply applied to charging can be provided by USB power supply device or USB connection port of computer.

The following images are presented while charging			

- USB Source : the graphic will be presented under two circumstances. One is insert USB power supply without using battery, and the other is insert USB source and use full-charged.

(H) Optical Digital Magnification ...x: represents current magnification rate.

- The optical zooming rate will be changed while adjusting symbols on the button of Focus. Please refer to the following graphic.

Long Shot ( )	Small Rate(L)	Large Rate(H)
...x	10X	40X

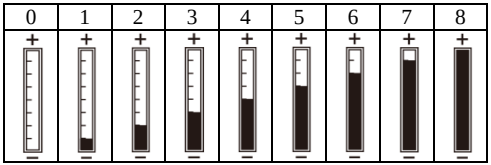
- Digital magnification rate can be adjusted by the buttons of zoom out ( ) and zoom in ( ). The magnification is divided into 8 stages and can be up to 4 times with 0.5 times per stage. The image can be enlarged to fifty times after adding optical and digital magnifications. The rates at different stage are as follows:

10x optical rate [10* (1+0.5*stage)]				
Stage	1	2	3	4
Rate	15x	20x	25x	30x
Stage	5	6	7	8
Rate	35x	40x	45	50x

- Adjust optical magnification to 40 times, and the total magnification can be 200 times after adding digital one. Rates at different stages are as follows:

40x optical rate [40* (1+0.5*stage)]				
Stage	1	2	3	4
Rate	60x	80x	100x	120x
Stage	5	6	7	8
Rate	140x	160x	180x	200x

(I) Digital Magnification Stage: digital magnification rates at different stages are listed as follows:



(J) Alignment in Range ⌞ ⌟: press the button of for a long time to display the sign of alignment in range, and press it again to shut down the sign. Use the sign to assist in aligning the observed article.

(K) Crossing Alignment ┼: Press the button of for a long time to display the sign of crossing alignment, and press it again to shut down the sign. Use the sign to show the position in which the lens of machine is located and make the alignment more conveniently in observation .

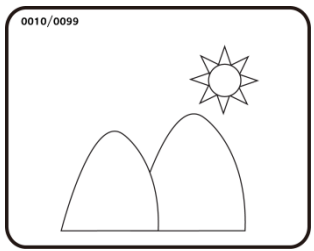
(L) Scale: Press the button of (Confirmation) to display the scale, and press it again to shut down. Press the button of without releasing to select different scales. After selection, release the button. The two types of scales are showed as follows:

L-shaped Scale	Crossing Scale

- The scale may cause error in using because of concaved and convex observed articles making the focusing distance is not standard. For the standard focus, please use the flushing-way [Please refer to item (2) of Section 1.3].
- The scales will be varied with magnification rates changes. The unit in the scale is 「μm」. The following scales are highly precise and provided for the users as references.

Scales of Digital Magnification in 10x and 40x Optical Rates									
Rate	10x	15x	20x	25x	30x	35x	40x	45x	50x
Scale	105	70.5	52.5	42.0	35.0	30.0	26.5	23.5	21.0
Rate	40x	60x	80x	100x	120x	140x	160x	180x	200x
Scale	26.5	17.6	13.2	10.6	8.88	7.60	6.52	5.76	5.32

(M) Preview mode：To press under preview mode and enter photos browsing. It can see the taken photo in a full window.



The series number of the current photo is shown at the left top side. Press button to go next photo. Press

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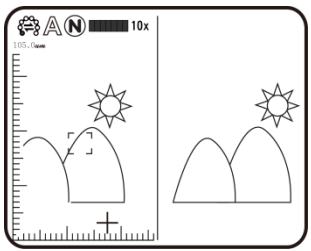
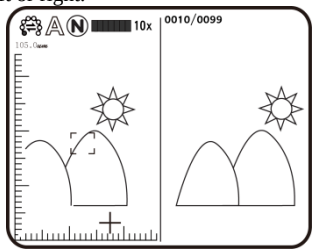
button to go previous photo. It can enlarge and shrink the viewing photo by & button. After it enlarges the photo, it can move the photo up 、down、left & right through 、、、、 button. Press button to return the original window status, then it can allow to swift next photo.

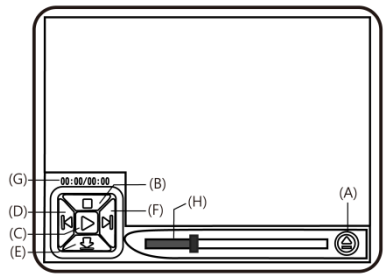
(N) Comparison mode：Press button for 10 seconds under preview mode, it can enter Comparison mode. See below illustration, the right window is the latest photo and the left window is the previewed image. All buttons are same functions but only allow to control the left preview window.



Under browsing photo, press for 10 seconds, it can enter Comparison mode. See below illustration. At the moment, all buttons are same function but only allow to control the right window. Press button to swift next photo and press to return the preview photo. Press & button and move the photo slightly toward left or right.

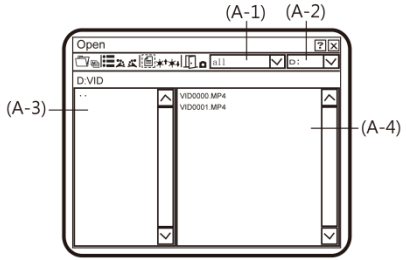


(2) Video Play : the model to play video. The playing image in the model is as follows:



(A) Open File: Press the button of (Camera) in the mode of Video Play to enter the interface of file selection.

Select the demanded file as in the following image. After selection, press the button of M to play. Use buttons of ▲ and ▼ to select items in the interface (such as file type, file slot, file folder and file). Use buttons of ☀↑ and ☀↓ to select options in the interface.



(A-1) File Type: including .3gp and.mp4. Choose all means all types of files are selected.

(A-2) File Slots including C and D. SD card is inserted into the slot D.

(A-3) File Folder means the position in which the file is selected.

(A-4) File means to select the file that to be opened.

(B) Stop □: Press the button of ☀↑ to stop playing video.

(C) Play ▷: After selecting file, press the button of M (Confirmation) to play the video, and the sign of ▷ will be changed to ▯▯ (pause). Press the button of M (Confirmation) to pause playing.

(D) Last File ⏮: Press the button of ▲ to play the last file.

(E) Hide the Panel ⏏: Press the button of ☀↓ to hide the control panel.

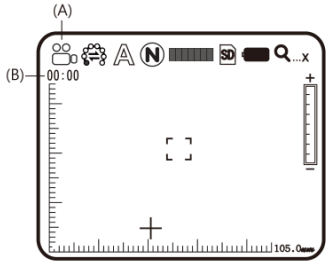
(F) Next File ⏭: Press the button of ▼ to play the next file.

(G) Current Time: Total time for the playing/video play currently.

(H) Timer Shaft: Timer shaft for video playing.

In addition, you can press the button of ⌂/🗑 to delet the current video, and the button of ↩ to quit playing program.

(3) Video REC 📹: a model to record the video, and the machine is in the status as follows:

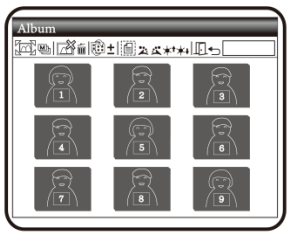


(A) Current Mode 📹: After entering Video REC mode, the

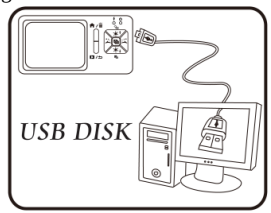
mark of Current Mode is showed as representing current video recording. Press the button of (video recording) to record, and the Current Mode turns to be REC from representing in the course of recording. The users can adjust Specal Mode and Lamp Sign Switching Mode, and adjust lightness of lamp and digital magnification in recording.

(B) Recording Time: After recording, recording time will be counted in second. Each file can be recorded less than one hour.

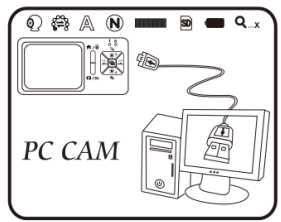
(4) Album : a model to browse photos by listing all shot pictures. Please refer to the following image. Use buttons of , , and to select images and press the button of to open it in full screen. Press the button of to delete the image, and the inquiry window will be displayed before the deletion. Select (Y) for deletion and (N) for not.



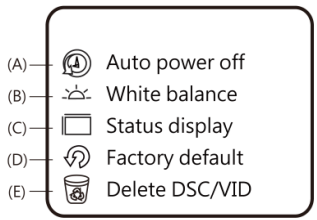
(5) USB Disk : USB storage mode. Install SD card as USB storage device. For installation of transmission line and linkage, please refer to item (1) of Section 1.5 and the following image.



(6) PC Cam : Mode of computer camera (PC Camera). In this mode, the machine can be linked to the computer as internet camera or microscope camera. Before using, please link the USB transmission line and install driving program in the computer for correct linkage. For program installation, please refer to Section 2. The mode is as follows:



(7) Set Up : a model to set the system and provides five functions for selection according to your own orientation. Please refer to the following setting image.



Press buttons of , , and to select and adjust and to confirm the setting. System will be back to the image of system setting model after confirmation. Press button (Return) to quit the model.

(A) Auto shut down mode : If you don't operate the machine, the Auto shut down mode can help to close the machine after few minute. Or you can set it up as "Never", then skip the function.

(B) White balance : set white balance automatically for switching on and off. Such automatic white balance can correct image with slight color cast automatically. We suggest you switch on automatic white balance to achieve optimum shot.

(C) Status display : Use the button to display the status. The user can set whether to display all status marks in the image.

(D) Factory default : back to factory to set values of system time, power saving and white balance as preset ones.

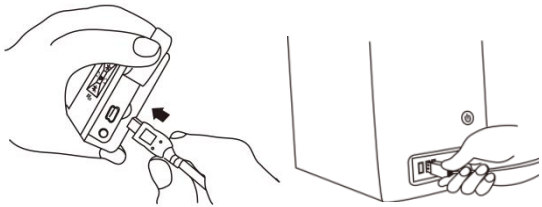
(E) Delete DSC/VID : delete VID stored in SD Card and files in DSC folder. VID is the file folder to store videos, and DSC is the one to store photos.

(8) About : the model to check relevant information of the product. Press button (Return) to quit the model.

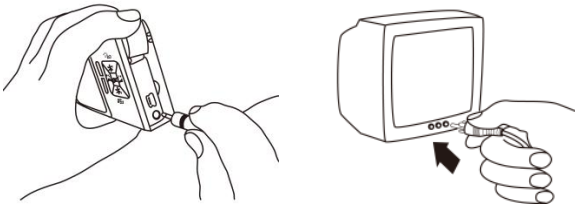
1.5 External Interfaces of Microscope

The machine contains many external interfaces. The following contents give instructions about assembly of the accessories. Please use accessories provided together with the machine including transmission line and SD Card, etc. Do not use other size of accessories, which might cause the machine failed or incompatible with accessories.

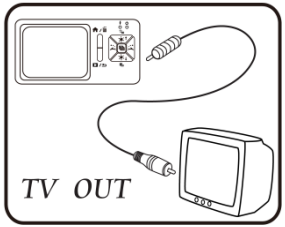
(1) Connect USB Transmission Line: joints at two ends of USB transmission line are different. Smaller joint is used to connect microscope host, and the larger one is used to connect USB connection port of the Computer. While connecting to computer, power source can also be provided besides transmitting images (PC Camera). Please refer to the following image about connection way of USB transmission line.



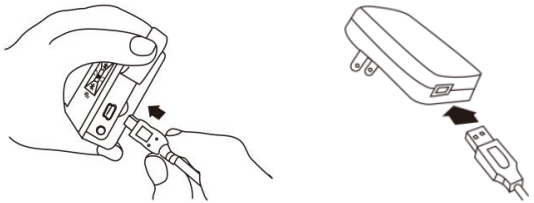
(2) Link AV Terminal Transmission Line: please refer to the following image for the linkage.



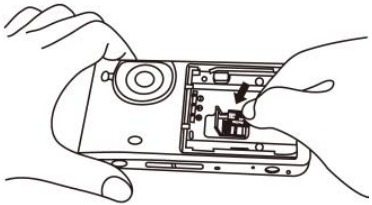
The transmission line is applied in TV Out mode. Link smaller joint to the microscope host, and the larger one (yellow) to TV. After linkage, switch to the main menu or Camera mode, the system will output the image to the TV automatically. Watch the screen of the TV to operate or observe. The mode is showed in the following image.



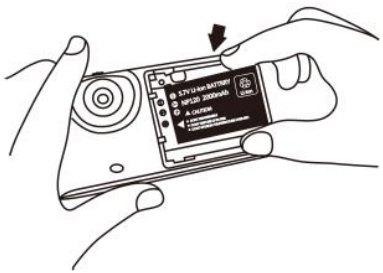
(3) Install USB Power Supply Device: provide power supply for the machine by USB transmission line and USB power supply device. Smaller joint is applied to connect microscope host, and the larger one is applied to connect USB power supply device (or USB connection port connecting to computer can also provide power supply). The installation is as follows.



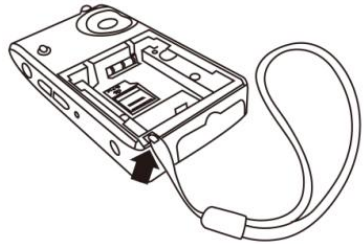
(4) Install SD Card: remove battery and the cover, and then push away upper cover of memory card holder. Place SD Card correctly and push the cover back (locking). Place the battery and close the cover. Please turn off the power supply before handling SD Card. Do not conduct hard handling. Please refer to the following image.



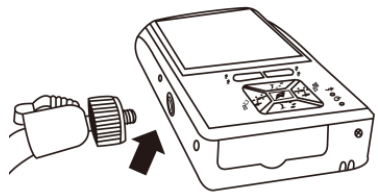
(5) Install Battery: remove the battery cover and input the battery by placing the written face up and complying with positive and negative poles correctly. Close battery cover finally. Please refer to the following image.



(6) Install Wrist Strap: Remove battery cover. Hang the wrist strap on the hook, then close the battery cover. Please refer to the following image.



(7) Install Rack: there is a screw hole at the bottom of microscope host. Lock screw head of rack into the hole at the bottom of host to fix the machine. Please refer to the following image.



2. Program Installation

For detailed program installation, please refer to the Manual set in the Installation CD (User's Manual\English\Installing PRO10 Device Operates Manual). Programs shall be installed according to the following 4 steps:

2.1 Insert Installation CD (Step 1)

Insert Installation CD provided together with the product into CD-ROM Drive. The CD will be read by computer automatically, and the installation window will be displayed:

If the computer does not display installation window, please open the Installation CD and select Autorun.ext as illustrated in the following image:

If the Installation CD provided together with the product is lost or unknown damaged, please visit http://www.vitiny.com to download installation files.

2.2 Install Application Program (Step 2)

Please click and select the position of Step 2. Press button of Install PRO 10 Application Program to install PRO 10 Application Program.

2.3 Install Driver (Step 3)

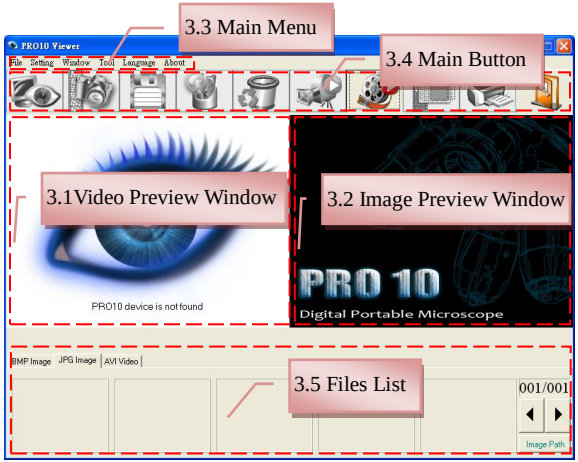
Please click and select the position of Step 3. Press button of Install PRO 10 Driver to install PRO 10 driving program.

2.4 Quit Installation Program (Step 4)

After installing Application Program and Driver, please click and select the position of Step 4. Press button of Exit to quit image of program installation.

3. Operate Application Program

Operation Instruction of Application Program is composed of 5 parts about primary operation functions. For detailed contents, please refer to the Operation Instruction set in the Installation CD (User's Manual\English\PRO 10 Application Program Operation Manual).



3.1 Video Preview Window

After connecting to microscope camera, the window will show video information images, videos, played files, as well as operations and display of special function modules.

3.2 Images Preview Window

The window is applied to display shot images, edit and process images.

3.3 Main Menu

The Main Menu of the Application Program contains the following selections:

(1) Files: choose open, save and print files.
(2) Setting: includes input device, image quality, video information formats, sources and compression, as well as automatic storage, etc.
(3) Windows: you can adjust sizes of video information windows and switch to the single window model.
(4) Tools: open different files folders, such as BMP, JPG and AVI. Languages and path of files storage can be reproduced to preset values of the system.
(5) Languages: five languages including Chinese in complex and simple forms, English, Japanese and Germany are available for selection.
(6) About: to show the version, copyright and other relevant information about the Application Program.

3.4 Main Button

Main Button contains more general functions as follows:

(1) On-line /Off-line : button of connecting and disconnecting to microscope camera. Video image will be displayed in Video Information Preview Window after connection.
(2) Photography : press the button to capture image from Video Information Preview Window. The captured image will be displayed in Images Preview Window.
(3) Save : store images in Images Preview Window.

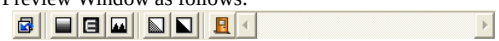
(4) Image Edition /Quit Image Edition : to enter or quit Image Edition function. After entering, tools of image edition are listed below Images Preview Window as follows:

(5) Delete Image : press the button to delete image displayed in the preview window.

(6) Video REC /Stop Video REC : to record or stop recording video. Recorded video information will be displayed in Video Information Preview Window. You can set compressed coding way by clicking and selecting "Set->Video Information Compression" in the Main Menu. The user is suggested install DivX encoder to achieve better compression results and quality.

(7) Video Play /Stop Playing : to play or stop playing video. Video information of played files will be displayed in Video Information Preview Window. Playing tools are listed below the preview window as follows:

(8) Image Processing /Quit Image Processing : image processing include reversed video, grey scale, black and white, edge detection and other basic functions. After entering Image Processing model, tools will be displayed below Images Preview Window as follows:



(9) Print Images : print images displayed in Images Preview Window.

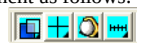
(10) Quit : close the Application Program.

3.5 Files List

Files List is primarily applied to list all current files contained in folders. Select BMP, JPG or AVI to view saved images/videos.

3.6 Special Functional Modules

Start Application Program and connect them. Then tools of Special Function Modules will be showed below Video Information Preview Window including comparison, center concentration, image control and measurement as follows:



(1) Comparison Model : observe similarity of compared images through overlapping and half-half comparison. Before using the model, please load the image for application of other functions. For tools of comparison model, please refer to the following image:

(2) Center Concentration Model : the model provides 4 different center concentrations including cross, scope, rectangle and circular to aim at shot objects as an auxiliary function. Please refer to the following image for tools of the model.

(3) Image Control Model : you can take the machine by your left or right hand, adjust image direction of yourself or object, as well as adjusting contrast, brightness and exposure rate of the image. Please refer to the following image for tools of Image Control Model.

(4) Measurement Model : the model can be used as rulers and compasses. Further, the model can measure in the dynamic (real-time image) or static (loaded images or frozen image) images, as well as providing various measuring tools. Please refer to the following image for tools of Measurement Model.

4. Printed Notice

Please read the following information carefully before using the products.

4.1 Maintenance

Please abide by the following items while storing or using the product:

(1) Keep dry: do not place the product in a humid environment. Dry surroundings are helpful to extend the service life of the product.

(2) Avoid temperature shock: temperature shock will cause internal condensation inside the machine, for example, take the product into a warm room from cold environment. Please put the machine inside the protection bag or handbag in advance to prevent temperature shock, and avoid using the machine in an environment with over-high or over-low temperature.

(3) Avoid collision and drop: the product might go wrong by strong collision, vibration or distortion.

(4) Shut down the machine before cutting off the power supply or removing the battery: do not forced cut off the power supply or remove the battery.

(5) Do not make the lens against strong source for a long time: please do not make the lens against the sun or other strong sources for a long time. Strong light rays might degrade sensitive elements and generate white stain in the image.

(6) Handle SD Card and movable parts carefully: do not force disassemble SD card or squeeze screen, connection lines of power supply and battery cover. Avoid contacting the lens since they are subjected to damage.

(7) Machine not in operation: please switch off power supply and remove battery or unplug power cable, and store them in a dry place with excellent ventilation. Do not expose the machine in an environment lower than -5℃ or higher than 50℃.

(8) Appropriate storage: while carrying, please put the machine inside the protection bag to prevent it from being damaged because of collision.

4.2 Product Sizes

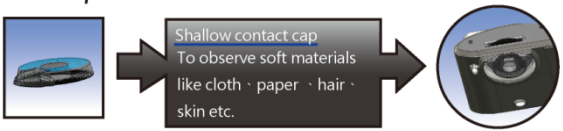
Sensitive Element	2 million pixels CMOS
Lens	High-sensitive Lens
Auxiliary Source	Ultra-bright white light LED x 8
LCD	2.8" TFT Color LCD
SD Memory Card	2 G Byte SD Card
Communication	USB2.0 Compatible; AV Terminal Compatible
Magnification	Optical Zoom 1x~ 10 x (continue) and 40 x; 5 x Digital Zoom
Joint	DC IN Terminal (mini USB joint)
Lithium Battery	Model: NP-120; Voltage: 3.7 V
USB Power Supply Device	AC Transformer (Output: DC 5.0/1A Input: AC 100-240V 50/60Hz)
Electric Consumption	4V/360mA
Size	129 × 67 × 28 mm
Weight	Host weighs around 120 grams (160 grams including the battery)
Operation Environment	Temperature -5℃ ~ 50℃; Humidity-lower than 85% (No Condensation)
For any change, please visit http://www.vitiny.com to check information.	

4.3 Safety Instructions

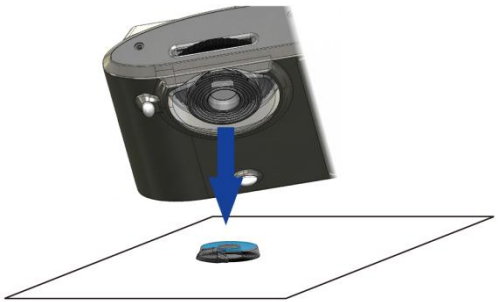
(1) As an electronic product, please do not use the machine in any place in which all electronic products are prohibited or required to shut off electronic products.
(2) Please do not make the machine close to water source or wet since it is not waterproof. Avoid electric shock.
(3) Do not make the machine close to chemicals, objects with explosive hazard or fire sources. Please switch off the product in gas station.
(4) In case that there is foreign body or water inside the machine, or the machine drops off, or the housing is damaged, please switch off power supply and remove battery or power supply device to avoid fire and electric shock.
(5) Do not look steadily at auxiliary sources after switching on the host as it is harmful to your eyes.
(6) Please use related products provided by original factory for connection. Do not use any product in connection on your own without approval of original factory.
(7) If the machine is left unused in a long time, please remove the battery to avoid leakage and erosion of battery electrolyte.
(8) Please dispose used battery in a proper way complying with local laws and regulations. Do not discard them in public waste field.
(9) Do not disassemble the machine for inspection on your own. For any problem occurred in the machine itself, please switch off the machine and then contact us by e-mail to the following address: mltc@vitiny.com

5. Application of PRO10 Supporters

5.1 Shallow Contact Cap



5.2 Instruction



(1) There is a magnet on the supporter to help attaching onto the lens.
(2) When it uses the supporter, the figure of the ruler is inaccurate.

ViTiny PRO10 Warranty

No.

Product	Portable Digital Magnifying/Microscope			Distributor Seal for Confirmation (Stamp is necessary for validation of the Warranty)
Machine Type				
Product Serial Number				
Purchase Date	Day Month Year			
Purchaser		TEL		
Purchaser Address				
Email				※Distributor's seal shall include name of the shop, telephone and address※

Please ask the distributor to fill in the name of the shop, address, purchase date and other contents and seal to protect your rights and validate one-year warranty since upon the purchase date.

Contents of Warranty: The Warranty is only provided free of charge for faults caused by the manufacturing within one year since upon the purchase date.

Non-warranty: 1. Product appearance parts, such as outer frame, panel and knobs, etc (charged spare parts are limited to one year after completing the product manufacturing). 2. Consumption goods of the host itself, such as lithium battery, LED lights and lens. 3. Product accessories and fittings, such as power supply device, USB transmission lines, AV terminal transmission lines, 2G Micro SD, protection bag and wrist strap, etc.

Services caused by any of the following situations in the period of the warranty shall not be provided free of charge: 1. Improper using or self (entrust any other with) disassembly, repair or refitting. 2. Any fault or damaged machine caused by act of god, lightning strike, abnormal voltage or environmental factors, etc. 3. Discrepancy of product serial number, unfilled Warranty, or unreal fill-in, alteration or unidentified Warranty. Any inspection and repair service after the period of warranty will be charged as follows according to the situation: 1. Service fees (including transportation fees) of product inspection. 2. Repair fees. 3. Fees of replaced parts.

ViTiny Service Center Tel: 07-657-9551 Fax: 07-657-9561
Address: 10 F., No.1, Section 1, Syuecheng Road, Dashu Township, Kaohsiung County 840, Taiwan (R.O.C.)
Website: **http://www.vitiny.com**

HTTP://WWW.VITINY.COM

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