

ZOOMAX[®] Panda

Standard Definition Desktop Video Magnifier



User's Guide

Version 1.2

ZOOMAX Technology Co., Limited

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1. Safety and Care

Please read the instructions carefully before setting up your Panda, and keep this user manual for future reference.

- Slots and openings in the product are provided for ventilation. To ensure reliable operation of the product and to protect it from overheating, these slots and openings must not be blocked or covered.
- Use the Panda indoors. Do not expose the Panda to extreme or rapid changes in temperature or humidity. Do not place the Panda near a radiator or heater, or where it may be exposed to direct sunlight. These conditions may damage Panda's electronic or optical components.
- Always operate the product under the temperature between 10°C and 35°C.

Keep it away from wet areas, rain, and other sources of liquids. Do not submerge the product.

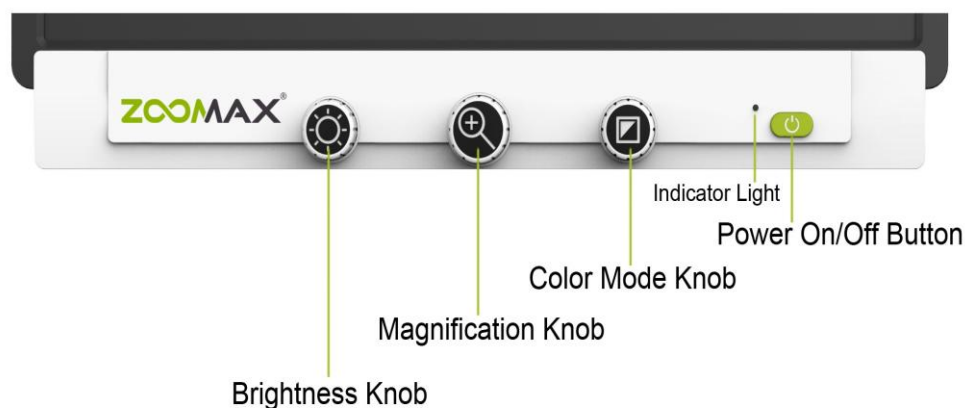
- Do not place the Panda on an unstable surface. It may fall, causing serious damage to the unit, or injure the user.
- Do not locate the product in a place where people would trip over by the power cord.
- Always turn the power OFF when the Panda is not in use.

- Always unplug the Panda before cleaning it, and use a soft, damp cloth to clean the exterior surface. Do not use any cleaning agents or any abrasive materials as these will damage your Panda.
- Contact your ZOOMAX distributors to service this device if necessary. Do not open your Panda by yourself, or this will void the warranty.

2. Structure of Components & Accessories

2.1 Knobs in the Panda

The following knobs are used to start or close the Panda, adjust the brightness, magnification and colors for your options.



2.2 Ports on the back of the Panda from left to right

- USB 1: for software upgrade



- AC IN: for Power Input
(The Power Switch is in red)



- USB 2: for manufacture use



2.3 Accessories

- One AC Power Cord



- One Clean Cloth



- One User Manual

3. Setting up Panda

- After carefully unpacking the Panda from the carton, lift and locate it to a sturdy and horizontal surface.

- Right fix monitor and main unit of the Panda. Make sure all cables are well connected.
- Connect the power cord to power input on the base of the Panda and plug in the other end to an electric socket. The Indicator Light on the screen will turn red.

4. XY Table



- Turn the Brake (the button in the middle of **XY Table**) to the right side to lock the **XY Table** if you need long time reading.
- Turn the Brake to the middle position to lock the Y axis, and then you can only move the **XY table** to left and right. Turn

the Brake to the left side to unlock the **XY Table**. Then, you can shift the **XY Table** as you need.

Note: Please move the XY Table smoothly and slowly to prevent it being damaged.

5. Basic Operation

5.1 Power On/Off

- Connect AC Power cord, and press the Power Switch on the back (the red one), the Indicator Light turns red, and the power remains normal.
- To turn on the Panda, press the Power On/Off Button on the screen. The Indicator Light turns green after a Beep sound. The monitor will display startup picture about 5 seconds and then enter into the reading mode.
- To turn off the Panda, long press the Power On/Off Button for 1 second, the Indicator Light turns red after a Beep sound, and the Panda will turn off.

Notes:

- You hear a beep and the Indicator Light turns green shortly after you pressing the Power On/Off Button.

- If the LCD screen remains blank after you hear a beep, please make sure the monitor power cable is connected firmly and the monitor is turned on.

5.2 Magnification Adjustment

- The default magnification is 5X.
- Turn the Magnification Knob to adjust the magnification from 2X to 70X.
- Once find your preferred magnification, press and hold the Magnification Knob until you hear a beep and then you can set it as your favorite. Press the Magnification Knob in any magnifications and the Panda will automatically return to your favorite magnification.

5.3 Color Mode

- There are Simplified Color Mode and Advanced Color Mode in the Panda. The Simplified Color Mode is the default mode.

5.3.1 Simplified Color Mode

- Turn the Color Mode Knob to choose a color mode that suits your vision most. There are 5 default color modes for your options (Full Color, Black on White, White on Black,

Yellow on Blue and Yellow on Black).

- Short press the Color Mode Knob to switch between full color and the last high contrast color.

5.3.2 Advanced Color Mode

- Keep pressing the Color Mode Knob until you hear a beep to enter into the Advanced Color Mode. Turn the Color Mode Knob to choose your favorite among 17 Color Modes. (Full Color, Black on White, Blue on White, Blue on Yellow, Black on Yellow, Black on Purple, Black on Light Blue, Black on Orange, Black on Green, White on Black, White on Blue, Yellow on Blue, Yellow on Black, Purple on Black, Light Blue on Black, Orange on Black, Green on Black).
- Short press the Color Mode Knob to switch between full Color and your current high contrast color.
- Keep pressing the Color Mode Knob until you hear a beep, then the Panda will go back to the Simplified Color Mode.

5.4 Brightness Adjustment

- The default brightness level is 50%.
- Turn the Brightness Knob to adjust brightness rate you prefer from 0 to 100%. The brightness rate on the left top of screen will disappear automatically without operation in 2

seconds.

- Turn clockwise to be brighter; Turn counter-clockwise to be dimmer.

5.5 LED Light Brightness Adjustment

- Keep pressing the Brightness Knob until you hear a beep, and you will see the Light Icon on the left top of monitor. Then adjust brightness of the LED Lights from level 1 to 5.
- The default brightness level of the LED Light is 3.
- Turn clockwise to be brighter; Turn counter-clockwise to be dimmer.

5.6 Demo Mode

- Keep pressing Magnification Knob and Color Mode Knob simultaneously for 5 seconds to enter into Demo Mode. Then the Panda will demonstrate 3 main functions automatically.
- Short press the Power On/Off Button to exit from Demo Mode.

5.7 Memorizing Settings

- The Panda will start with the last viewing modes automatically after switch on.

5.8 Reset to Default

- Keep pressing the Brightness Knob and Magnification Knob simultaneously for 5 seconds, then the Panda will recover the factory default settings.

6. Troubleshooting

- LCD screen remains blank after switch on.
 - Ensure the outlet has power and the plug is fully inserted into the power socket.
 - Make sure that the monitor power cable is connected firmly.
- Buttons don't work.

Make sure all cables are well connected.

- The image on the screen is dark or distorted.

Remove or replace the reading materials on the XY table.

- The screen is frozen or distorted.





Restart the unit. If it doesn't work, please turn off the Power On/Off Button and then restart the unit.

7. Specifications

- Camera: Auto focus;
- 19" movable & tiltable LCD screen;

- Magnification Range: 2X – 70X;
- Color Modes: Full color + 16 high contrast colors; 5 simplified colors;
- Functions: Magnification adjustment; Brightness adjustment; LED lights adjustment; Last settings saving (including magnification, brightness and LED brightness); Factory default settings recovery;
- Free Working Height Under the Camera: 25cm;
- Total Weight: <17kg;
- Power Adapter:
Put-in: 100-240V, 50/60HZ
Put-out: 5V, 2A
- Operation Conditions:
Temperature: 0° C~+40° C
Humidity: <70%;
- Storage Conditions:
Temperature: -10° C~+55° C
Humidity: <90%

8. Other Products from ZOOMAX

Snow 7”		Snow 7 HD is a creative design that offers real-time crisp images on the ergonomically settled wide screen, and is still the easiest to use. With its small book size and only 16.93 ounce, Snow 7 HD can be taken and used to read closely and see at a distance anywhere, home, school, office, bus stop, shop, etc.
Snow 4.3”		Snow is given the most advanced image technology and best camera. It offers sharp image even at the lowest magnification and under the fast movement. No learning but easy to use skillfully at the very beginning with the large button. You can read and write even when you are travelling.
Butterfly 3.5”		Pocket-size video magnifier, Butterfly is designed for the people's outdoor use. Because of its lightest weight and most compact size, Butterfly can be hung around the neck or kept in the pocket, handbag or even purse. You may use it to read price label, menu and see things around you anytime conveniently.
Aurora HD		Aurora HD is a new foldable desk video magnifier which integrates the advanced camera technology. It cares for your distinct operation needs at different operating levels. It offers you comfortable image, less for eye strain. There are basic and advanced operation modes for your choice.