

Pixio PX27UWAVE

Pixio PX27U Wave 4K Gaming Monitor User Manual

Model: PX27UWAVE

INTRODUCTION

This user manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your Pixio PX27U Wave 4K Gaming Monitor. Please read this manual thoroughly before using the product to ensure proper functionality and to maximize your gaming and viewing experience.



Figure 1: Pixio PX27U Wave 27-inch 4K Gaming Monitor.

PACKAGE CONTENTS

Before proceeding with the setup, please verify that all items listed below are included in your package:

- Pixio PX27U Wave 4K Gaming Monitor
- Monitor Stand (Base and Neck)
- Power Adapter
- DisplayPort Cable
- HDMI Cable
- User Manual (this document)
- Warranty Card (if included)

SETUP

1. Assembling the Stand

1. Carefully remove the monitor and all components from the packaging.
2. Attach the monitor neck to the base, securing it with the provided screw.
3. Align the assembled stand with the mounting points on the back of the monitor.
4. Gently push the stand into place until it clicks securely. Ensure it is firmly attached.

2. VESA Mounting (Optional)

The Pixio PX27U Wave monitor supports VESA mounting standards for alternative mounting solutions (e.g., wall mounts, monitor arms). It is compatible with 75x75mm and 100x100mm VESA mounts (adapter may be required for 100x100mm).

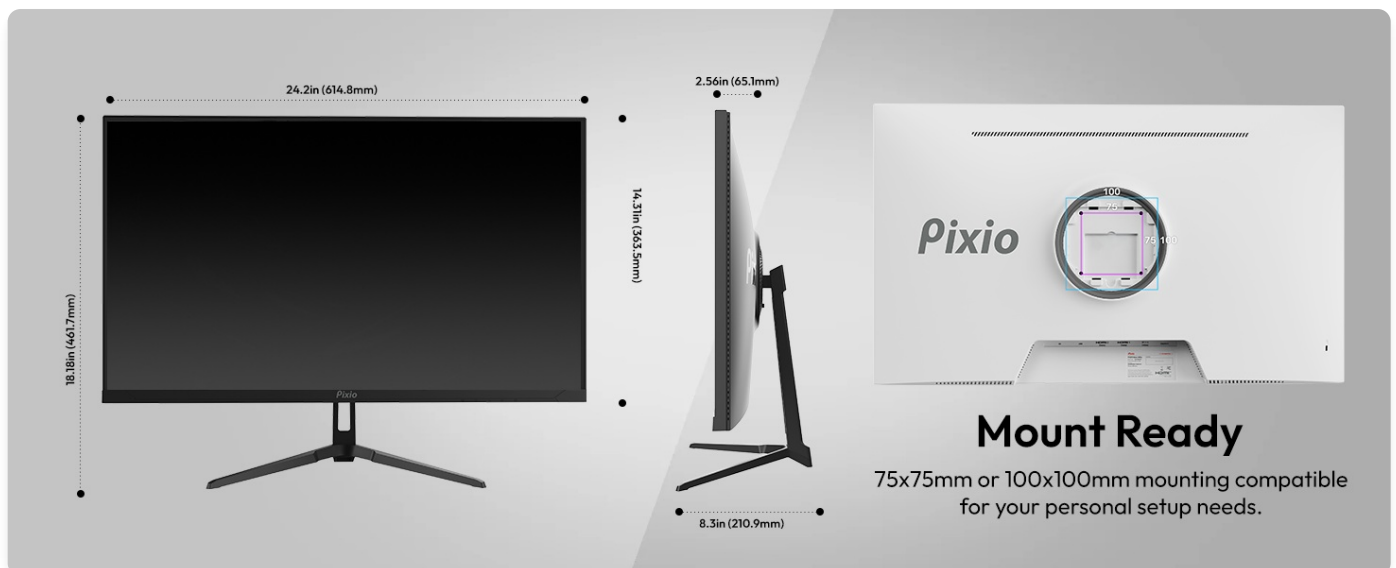


Figure 2: VESA mounting points and dimensions for the monitor. The monitor supports 75x75mm and 100x100mm VESA standards, with an adapter potentially needed for 100x100mm.

1. Remove the stand if it is already attached.
2. Attach your VESA-compatible mount to the monitor using appropriate screws. Refer to your VESA mount's instructions for specific details.

3. Connecting to a Device

The monitor offers versatile connectivity options:

- **DisplayPort (DP 1.4):** For optimal performance, especially at 4K 160Hz.
- **HDMI (HDMI 2.0):** Supports 4K resolution at up to 60Hz.
- **USB-C:** For video input and power delivery.
- **Audio Out (3.5mm Headphone Jack):** For connecting external headphones or speakers.

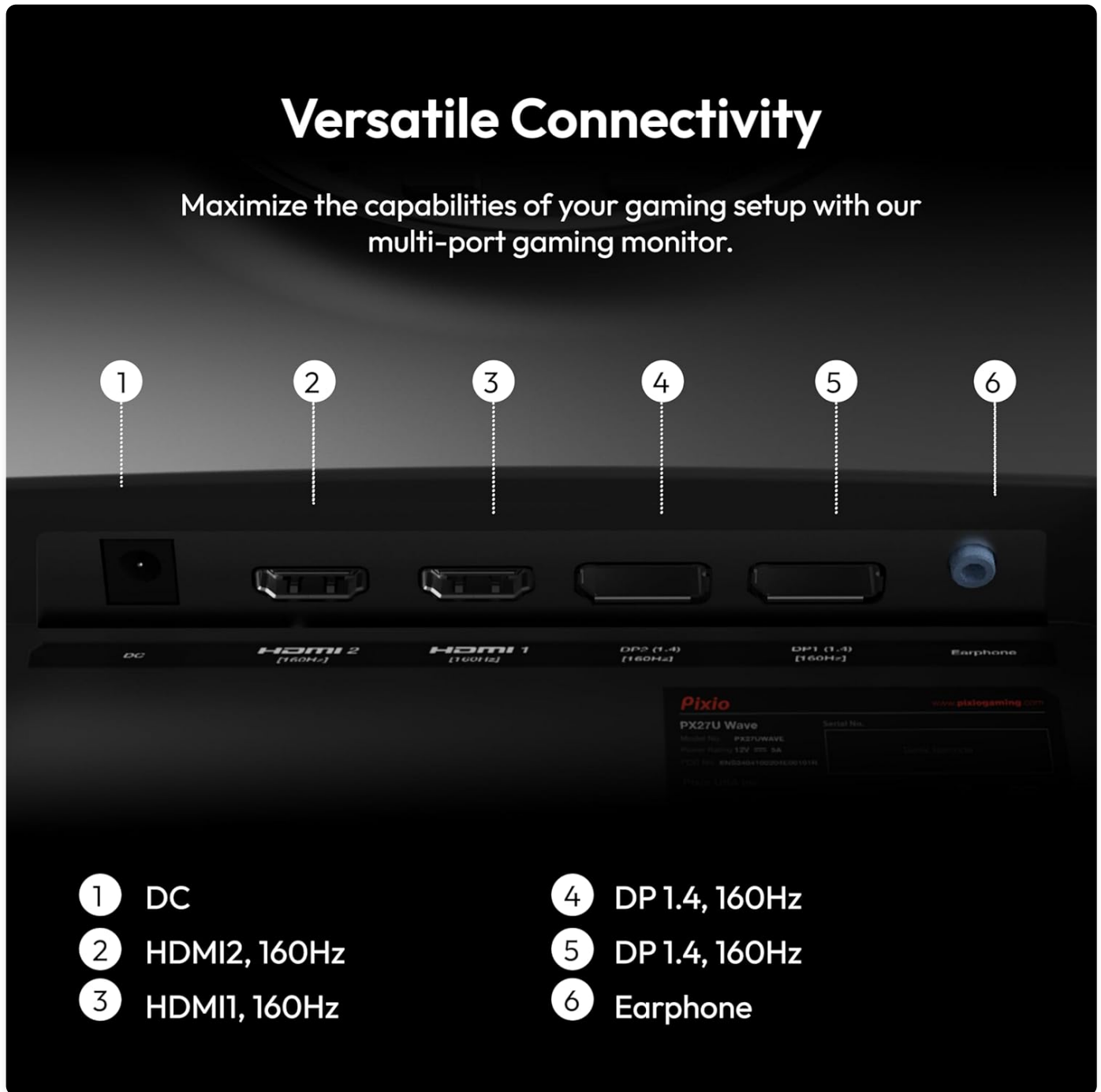


Figure 3: Rear view of the Pixio PX27U Wave monitor showing the DC power input, HDMI 1, HDMI 2, DisplayPort 1, DisplayPort 2, and Earphone (audio out) ports.

1. Connect the power adapter to the monitor's DC input and then to a power outlet.
2. Connect your PC or gaming console to the monitor using either a DisplayPort, HDMI, or USB-C cable.
3. (Optional) Connect headphones or external speakers to the 3.5mm audio out jack.

OPERATING THE MONITOR

1. Power On/Off

Press the power button, usually located on the back or bottom of the monitor, to turn it on or off. The power LED indicator will illuminate when the monitor is active.

2. On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Access it by pressing the OSD joystick/buttons, typically located on the back or bottom of the monitor.

Key OSD Settings:

- **Picture Settings:** Brightness, Contrast, Sharpness, Gamma, Color Temperature.
- **Color Settings:** Adjust RGB values, select color presets (Standard, Game, Movie, etc.). The monitor supports 99.5% DCI-P3 for vibrant colors.
- **Input Select:** Manually switch between DisplayPort, HDMI, or USB-C inputs.
- **Gaming Features:**
 - **Adaptive Sync:** Enable/disable for tear-free gaming (requires compatible graphics card).
 - **Response Time (Overdrive):** Adjust for faster pixel response (1ms GTG).
 - **Crosshair:** Select from built-in crosshair overlays for improved aiming in games.
- **System Settings:** Language, OSD Timeout, Power LED control.
- **Eye Saver Mode:** Reduces blue light emission to minimize eye strain during prolonged use.

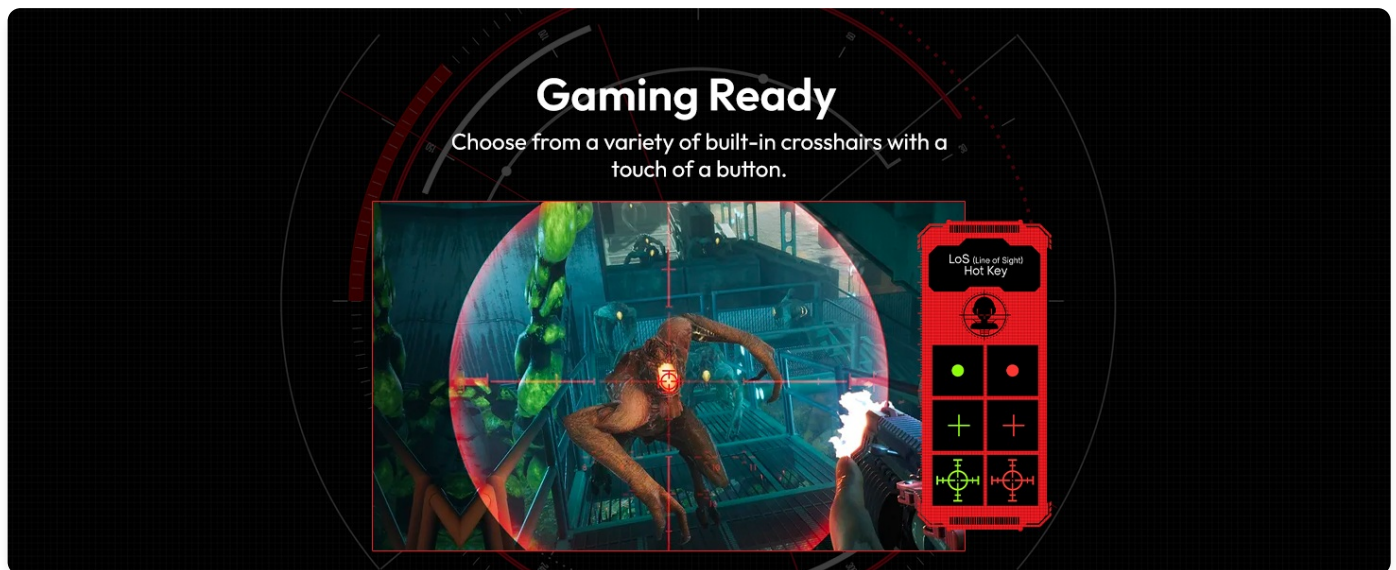


Figure 4: The "Gaming Ready" feature of the Pixio PX27U Wave monitor, illustrating various built-in crosshair options accessible via the OSD menu.

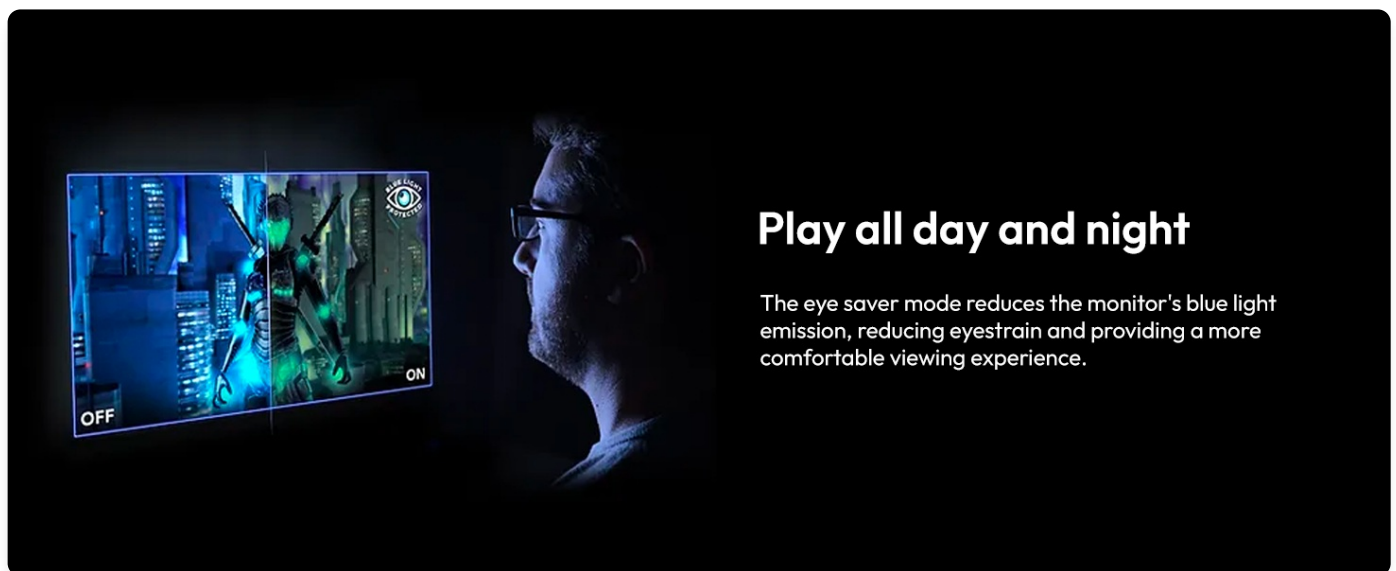


Figure 5: The "Play all day and night" feature, highlighting the Eye Saver Mode which reduces blue light for comfortable viewing.

PERFORMANCE FEATURES

The Pixio PX27U Wave monitor is designed for high-performance gaming and visual clarity.

- **4K UHD Resolution (3840x2160p):** Provides stunning detail and clarity, four times that of Full HD.
- **160Hz Refresh Rate:** Ensures ultra-smooth gameplay with reduced motion blur and input lag.
- **1ms GTG Response Time:** Minimizes ghosting and provides swift pixel transitions for fast-paced action.
- **Fast IPS Panel:** Combines the speed of TN panels with the superior color reproduction and viewing angles of IPS technology.
- **Adaptive Sync:** Synchronizes the monitor's refresh rate with your GPU's frame rate to eliminate screen tearing and stuttering.

Elevate your play

Dominate the game with 4K visuals on a blazing-fast 160Hz Gaming Monitor. Experience unreal smoothness and lightning-fast responsiveness. This is gaming redefined.

160Hz
Refresh Rate

1ms (GTG)
Response Time

Fast IPS
Panel

4K
Resolution



Figure 6: Visual representation of the Pixio PX27U Wave's key features: 160Hz Refresh Rate, 1ms (GTG) Response Time, Fast IPS Panel, and 4K Resolution, enhancing the gaming experience.

Speed meets precision with 160Hz refresh rate

Enjoy ultra-smooth gameplay with a high refresh rate of 160Hz.
Swiftly respond to in-game actions with precision and accuracy.



60Hz (Conventional)

160Hz

Figure 7: Comparison illustrating the difference between 60Hz (conventional) and 160Hz refresh rates, showcasing the enhanced smoothness and precision of the Pixio PX27U Wave.

Fast IPS Panel & Swift 1ms GTG Response

Immerse in seamless gaming with our Fast IPS panel, eliminating motion blur. Swift 1ms GTG response time for a competitive edge. Elevate your play with unmatched precision.



4ms

1ms (GTG)

Figure 8: Comparison of 4ms versus 1ms (GTG) response time on the Pixio PX27U Wave, demonstrating the reduction in motion blur for a clearer image during fast-moving scenes.

Sharper Image Quality

With four times the resolution of Full HD (1080p), 4K monitors (3840x2160 pixels) offer a noticeably sharper image.



Figure 9: Visual comparison of image quality at Full HD (1920x1080px), QHD (2560x1440px), and 4K (3840x2160px) resolutions, highlighting the superior sharpness of 4K on the Pixio PX27U Wave.

Your browser does not support the video tag.

Video 1: Official product video showcasing the Pixio PX27U Wave 27" 4K 160Hz Fast IPS 1ms GTG Gaming Monitor's features and performance.

MAINTENANCE

Cleaning the Monitor

- Always unplug the monitor from the power outlet before cleaning.
- Use a soft, lint-free cloth to gently wipe the screen. For stubborn marks, lightly dampen the cloth with water or a non-abrasive screen cleaner.
- Avoid using alcohol, ammonia, or abrasive cleaners, as these can damage the screen surface.
- Wipe the monitor casing with a soft, dry cloth.

General Care

- Avoid placing heavy objects on the monitor or its cables.
- Do not expose the monitor to direct sunlight, excessive heat, or extreme cold.
- Keep the monitor away from liquids and high humidity.
- Ensure proper ventilation around the monitor to prevent overheating.

TROUBLESHOOTING

If you encounter issues with your Pixio PX27U Wave monitor, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No image on screen	Monitor not powered on.	Ensure power cable is securely connected and monitor is turned on.
	Incorrect input selected.	Press the input select button on the monitor to cycle through inputs (DP, HDMI, USB-C).
	Video cable loose or disconnected.	Check video cable connections at both the monitor and the source device.
	Computer/device not outputting signal.	Restart your computer/device.
Image is blurry or distorted	Incorrect resolution or refresh rate.	Set display resolution to 3840x2160 and refresh rate to 160Hz in your device's display settings.
	Video cable quality.	Ensure you are using a high-quality DisplayPort 1.4 or HDMI 2.0 cable.
Screen tearing (horizontal lines)	Adaptive Sync is off or not enabled.	Enable Adaptive Sync in the monitor's OSD menu and in your graphics card's control panel.
No audio	Volume too low or muted.	Adjust volume on the monitor and your source device.
	Incorrect audio output device selected.	Ensure the correct audio output (e.g., "Pixio PX27U Wave" or "Headphones") is selected in your device's sound settings.

If the problem persists after trying these steps, please contact Pixio customer support.

SPECIFICATIONS

Feature	Detail
Model Name	PX27UWAVE
Screen Size	27 Inches
Panel Type	Fast IPS
Resolution	3840 x 2160 (4K UHD)

Feature	Detail
Refresh Rate	160Hz
Response Time	1ms GTG
Aspect Ratio	16:9
Brightness	400 cd/m² (Candela)
Power Input	12 Volts
Connectivity	2x HDMI 2.0, 2x DisplayPort 1.4, 1x USB-C, 1x 3.5mm Audio Out
VESA Compatibility	75x75mm, 100x100mm (with adapter)
Product Dimensions (W x H x D)	24.2 x 18.18 x 8.3 inches (614.8 x 461.7 x 210.9 mm) with stand
Item Weight	14.32 pounds

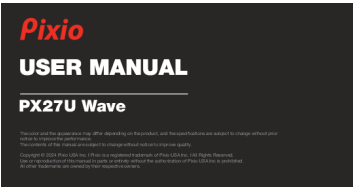
WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official Pixio website.

If you require technical assistance or have questions not covered in this manual, please contact Pixio customer support through their official channels.

[Visit the Official Pixio Store on Amazon](#)

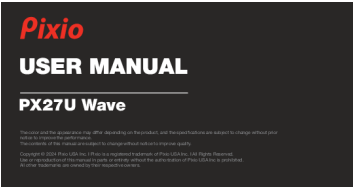
Documents - Pixio – PX27UWAVE



[\[pdf\]](#) User Manual Specifications

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[\[pdf\]](#) User Manual Specifications

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Model		PX27U Wave (Black, Blue, Pink, White)
General	Display Type	IPS
	Display Size	27" (68.6cm)
	Resolution	3840 x 2160
	Refresh Rate	160Hz
	Panel Type	Fast IPS
	Panel Color	Black
Performance	Processor	Intel Core i7-12700
	Memory	16GB
	Storage	512GB
	Operating System	Windows 11
	Power Supply	100W
	Power Consumption	100W
Ports & Connectivity	USB Type-C	1
	USB Type-A	4
	Display Port	1
	Headset Jack	1
	Audio Output	2.0
	Audio Input	1
Dimensions	Height	400mm
	Width	600mm
	Depth	160mm
	Weight	5.5kg
	Max. Load	5kg
	Max. Tilt	15°
Accessories	Power Cable	1m
	USB Cable	1m
	Display Cable	1m
	Headset Cable	1m
	Audio Cable	1m
	Mouse Cable	1m

[pdf] Specifications Dimension Guide Accessories

PX27U Wave V1 0 Spec Sheet 061124 In Progress Specifications Pixio PX27UWave SpecSheet v1

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PRODUCT SPECIFICATION MODEL: PX27U Wave Black, Blue, Pink, White DATE:

June 2024 REV: 1.0 Mode ... 100x100mm YES YES YES YES User, Photo, Movie,

Standard, FPS, RTS YES N/A N/A N/A N/A YES YES **PX27UWAVE**

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