

PortKeys

2023 PRODUCT MANUAL



DEDICATED



PROFESSIONAL



EXTRAORDINARY

SHENZHEN PORTKEYS ELECTRONIC TECHNOLOGY CO.,LTD

PortKeys

LH7P

1000nit Wireless Camera Control



Lightweight and Portable



Wireless Camera Control



Anamorphic



4K HDMI 30p Input



Peaking Frame



Image Crop



Wireless Touch Control Cameras

Built-in Wireless Module, Video Real-Time Eyes Focus



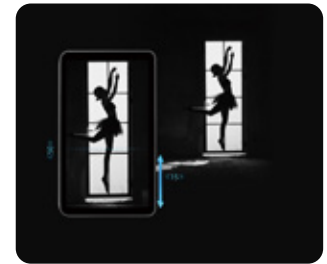
Custom JPG Picture Freeze Frame

After capturing an image, it can be compared with real-time video by semi-transparent image superposition
Note: Must be a 16:9 1920x1080.jpg image



3D LUT Output

Customized 3D LUT, reproduce the movie style



Vertical Shooting Stretches Legs and HDMI Output

Controllable stretching of the images, Real-time monitoring the stretch effects, Stretched legs can be loaded with 3DLUT output from HDMI at 1080P60

Brightness and RGB Signal Detection Before/After Loading 3D LUT

Loading 3D LUT More gorgeous image, More intuitive monitoring

Anamorphic Lens Correction 1080P60 HDMI Output

Supported Ratio:
1.00X/1.33X/1.42X/1.50X/1.60X/1.66X/1.85X/2.00X/2.35X
User-defined adjustment range: 0.25X-4.00X

Custom Rectangular Image Crop

Easily and clearly monitor the details of your images

Customized Peaking Range(Peaking Frame)

New Peaking New Algorithm More intuitive More accurate



PRODUCT INTRODUCTION

Basic Parameters

| | |
|----------------|--------------------|
| Screen Size | 7" |
| Color Gamut | Rec.709 |
| Resolution | 1920X1080 |
| Dimension | 176.2x103.8x18.4mm |
| Viewing Angle | 85/85 /85 /85 |
| Brightness | 1000nit |
| Contrast Ratio | 1000:1 |
| Weight | 235g |
| Material | PC+ABS |
| Input Voltage | 7-24V |
| Maximum Power | 9W |
| Fan | Yes |

Software Function

| | | |
|--------------------|----------------|--------------------------|
| * 3D LUT | New Peaking | Peaking Frame |
| RGB Waveform | Anamorphic | Luma Waveform |
| Peaking | Luma Histogram | ARRI False Color |
| Guides | False Color | Zebra |
| Cross Hair | Check Field | HDR(HLG) |
| Grids | Touch Screen | Custom RGB |
| Audio Meters | Backlight | Battery Voltage Checking |
| Brightness | Tint | Contrast |
| Color Temperature | Chroma | Display Flip |
| Sharpness | Rectangle Crop | Wireless Control Camera |
| 3D LUT Output | Custom Fan | Camera Recording |
| Vertical Extension | Image Overlay | |

* Monitor does not have 3D LUT storage, 3D LUT must be stored and loaded via USB stick

Interface

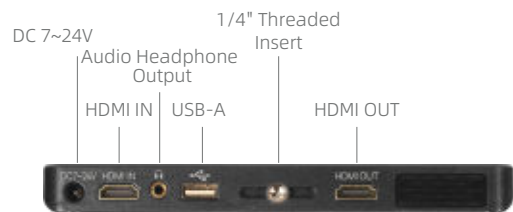
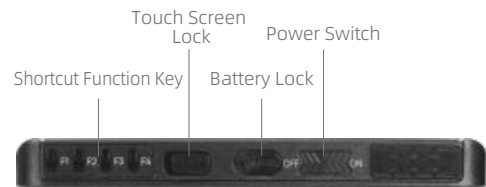
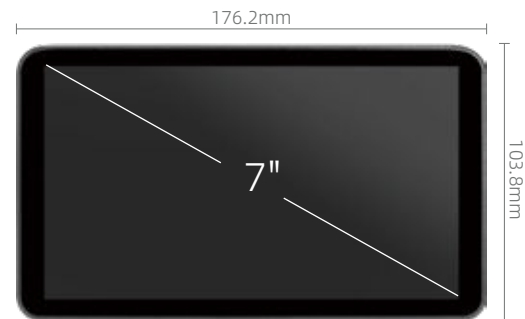
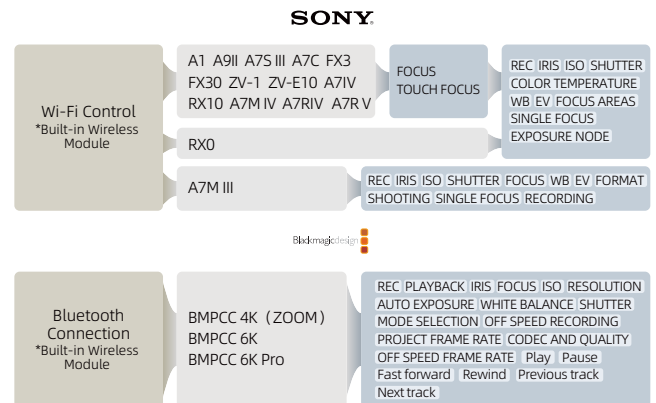
| | |
|-----------------------|---|
| Video Input/Output | Input Interface : 4K30p HDMI Output Interface : 1080p60 HDMI |
| Support Battery Model | Sony NP-F970/F960/F750/F550 |
| Power Input | 7-24V |
| USB-A | Upgrade Firmware / Load 3D LUT / 5V2A Charger Input Power Supply |
| Audio Output | 3.5mm Headphone Jack 3D LUT Output Anamorphic Lens Calibration Output |
| HDMI Output Function | UI Output Image Brightness, Tone, Contrast Adjustment Output |

HDMI Input Signal

| |
|--|
| 4096x2160p@24Hz |
| 3840x2160p@23.97Hz, 24Hz, 25Hz, 29.97Hz, 30Hz |
| 1920x1080p@23.97Hz, 24Hz, 25Hz, 29.97Hz, 30Hz, 50Hz, 59.94Hz, 60Hz |
| 1920x1080psf@23.97Hz, 24Hz, 25Hz, 29.97Hz, 30Hz |
| 1920x1080i@50Hz, 59.94Hz, 60Hz |
| 1280x720p@50Hz, 59.94Hz, 60Hz |
| 720x576p@50Hz |
| 720x576i@50Hz |
| 720x480p@50Hz, 59.94Hz, 60Hz |
| 720x480i@50Hz, 59.94Hz, 60Hz |

HDMI Output Signal

| |
|----------------|
| 1920x1080p60Hz |
|----------------|



Packing List

