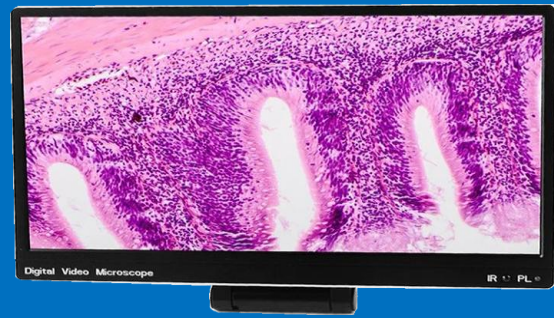




## HDMI.61.4KM20 4K Digital Pad Camera



# Ultra-High Speed Digital Pad Camera for Microscope

## HDMI.61.4KM20

Ultra-High Definition IPS LCD(4K 36MP)

High-Speed HDMI output(60fps)

Wi-Fi Cast Screen (iPad,iPhone & Android)

NIR Remote Control , Wireless mouse &

TF Card Supported

### Main Features:

Image Resolution: 36M Pixel

Monitor: IPS 12" LCD 4K

Color Engine: OPLENIC®Ultron™

Image Output: HDMI/USB/LCD/5G

Wi-Fi

WIFI Connection: iPhone, iPad & Android

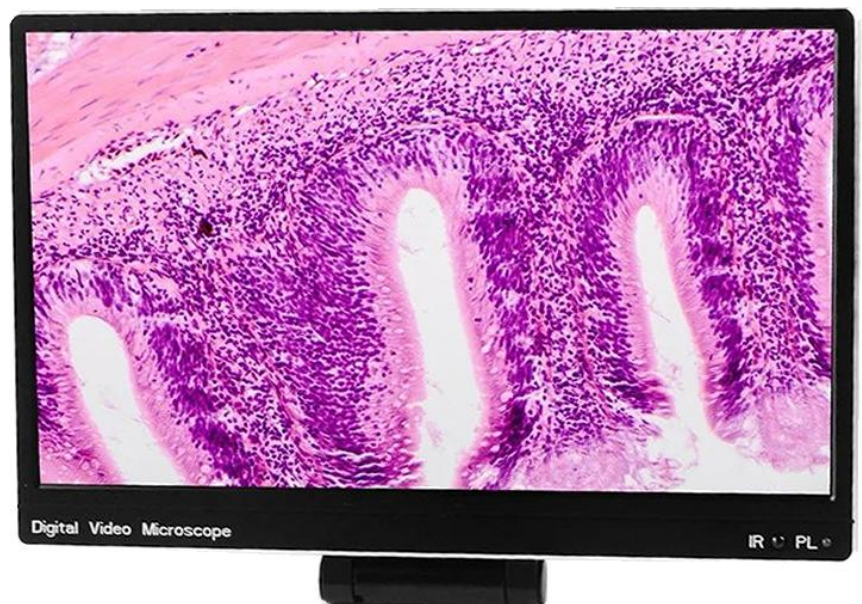
Frame rate: 60FPS

Storage: TF card

Wireless Mouse Control: Supported

NIR Remote Control: Supported

Mount : C-Mount



# DATA SHEET

## HDMI.61.4KM20

### 1 Sensor Specification

- 1.1 CMOS Sensor: High Sensitive Trans-illumination BSI Sensor
- 1.2 Max Pixel:36M Pixel
- 1.3 Picture Format:16:9
- 1.4 Image Output: USB, HDMI, 5G Wi-Fi, TF card
- 1.5 Scan Mode: Progressive Scanning

### 2 Optical Specification:

- 2.1 Spectral responsiveness: VIS~NIR (Eliminate infrared jamming over 650nm )
- 2.2 Optic Anti-reflection technology: Sensor adopts Multi-layer AR Anti-reflection Technology
- 2.3 C-mount: Adjustable C-Mount

### 3 Electronic Specification:

- 3.1 Dynamic :75dB / 14-bit Analog-digital conversion
- 3.2 Video Display:60fps@1080P , 30fps@4k
- 3.3 Monitor: 12" Ultrathin Metal Frame, 4K IPS Wide angle
- 3.4 Exposure: Auto/Manual
- 3.5 White Balance: Auto
- 3.6 Digital Roc: OPLENIC®Ultron™ 2nd Generation Color Engine
- 3.7 WIFI Connection: iPhone , iPad & Android
- 3.8 Data Output: HDMI, USB, 5G Wi-Fi , Supported WIFI Monitor
- 3.9 Storage: Support 32GB HC TF Card

### 4 Control Functions:

- 4.1 Brightness Setting: Manual/Auto, Target Setting, , Brightness Setting Gain
- 4.2 Color Setting Automatic calibration , D65 Automatic color temperature compensation, RGB Channel saturation correction
- 4.3 Image Quality Setting: Brightness Correction, Saturation Correction , HDR Correction
- 4.4 Anti-blink Function: Automatic identification
- 4.5 Image Setting : Video Dynamic sharpening, Saturation , Wide Dynamic
- 4.6 Image denoising
- 4.7 Remote Operation for taking Picture

### 5 Other Functions:

- 5.1 Image Flips: Flip Horizontal, Flip Vertical
- 5.2 Assist the cursor: Support different color cross line
- 5.3 Time Setting: Can Set Time and Date
- 5.4 Language : Chinese/English
- 5.5 Default: One button to reset camera



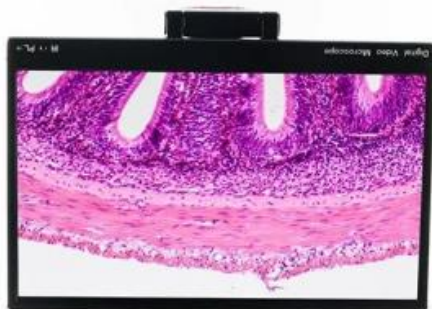
Wechat

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Website

180 Degree Vertical Rotate



## 270 Degree Horizontal Rotate

