STALWART

4K UHD HDMI Color Digital Camera
SHDS800C

SHDS800C

Introduction

As the 4k resolution UHD Screen is more and more popular,1080p HDMI cameras seems can not be effectively use the screen to show the image details. Based on the latest HD high speed CMOS image sensor, the FPGA hardware image processor and HDMI V1.4 standard, our company released the SHDS800C 4k UHD HDMI industry camera.

The camera adopts high sensitive 1/1.9 inch(pixel size 1.85um) 8.0 Mega pixel color CMOS image sensor, the sensor has high dynamic range, high sensitivity and excellent thermal noise suppression features. The camera can be connected to 4K UHD Screen to preview and real-time capture the BMP&RAW image to TF card(mini SD card), it support Max. 64GB TF card. The camera is plug and play. The 4k UHD camera can ensure every detail is not to be missed. The camera can not take videos, if you want to take videos, the cameras should be connected with HDMI image acquisition card, The cameras can take both images and videos when they are connected to image acquisition card. The cameras comes with IR remote controller, no shaking when take pictures.

Specification

Item	SHDS800C
Resolution	8.0MP
Max FPS	4K@30FPS / 1080P@60FPS
Sensor Type	1/1.9" CMOS
Shutter	Rolling
Color	Color
Pixel Size	1.85μm
Max Resolution	4K(3840X2160)
Image Format	BMP / RAW
Function	BMP image Capture, Preview, Freeze, Mirror, Flip, Cross line, AWB, AE, Gain, Color temperature preset, Parameter save, Resolution switching, Restore Setting and other functions.
Interface	HDMI v1.4
Memory	TF Card Max. 64Gb
Input Power	DC 12V 2A
Lens	C-mount
Dimension	47x70x31 mm
Weight	168 g
Accessories	IR Remote Controller *1, 12V 2A Power Supply*1, HDMI Cable*1

Application

SHDS800C 4K UHD HDMI digital camera can be widely used in video conferencing, remote medical diagnosis, microscopy images, industrial inspection, video projectors, security monitoring field. With the high image quality and easy to operate features, it will be your best assistant for following applications:

- Live Cell Imaging
- Surgical Microscopic Imaging
- Pathology
- Cytology
- Defect Analysis
- Semiconductor Inspection
- Metrology
- Navigation for Processed Imaging
- Industrial Optical HD Digital Imaging
- Astronomical Observation