HDMI CAMERA

XCAM SERIES

l All in 1(HDMI+USB+SD card) C-mount camera with Sony high sensitivity CMOS sensor;
l Simultaneous HDMI & USB output;
l Built-in mouse control;
l Built-in image capture & video record to SD card;
l Built-in camera control panel, including exposure(manual/auto)/gain, white balance(lockable), color adjustment, sharpness and denoising control;
l Built-in toolbar including zoom, mirror, comparison, freeze, cross, browser functions;
l Built-in image & video browsing, display & play;
l Ultra-Fine color engine with perfect color reproduction capability(USB2.0);
l Support standard UVC for Windows/Linux/Mac(USB);

XCAM1080PX series camera

ORDER CODE	SENSOR & SIZE(MM)	PIXEL(MM)	SENSITIVITY	FPS/RESOLUTION	BINNING	EXPOSURE
XCAM1080P2MPA	Sony IMX385(C) 1/2"(7.2x4.05)	3.75x3.75	1175mv with 1/30s 0.15mv with 1/30s	60@1920*1080(HDMI) 50@1920*1080(USB)	1x1	0.04~1000
XCAM1080P8MPB	Sony IMX415(C) 1/2.8"(5.57x3.13)	1.45x1.45	300mv with 1/30s 0.13mv with 1/30s	30@1920*1080(HDMI) 30@3840*2160(USB)	1x1	0.04~1000

C: Colour M: Monochrome

Interface	Function Description
USB Mouse	Connect USB mouse for easy operation with embedded XCamView software;
USB Video	Connect PC or other host device to realize video image transmission;
HDMI	Comply with HDMI1.4 standard. 1080P format video output for standard displayer;
USB	Connect USB flash drive for capturing video and image storage;
SD	Comply with SDIO3.0 standard and SD card could be inserted for video and images storage;
LED	LED status indicator;
DC12V	Power adapter connection (12V/1A);
ON/OFF	Power switch;
Video Output Interface	**Function Description**
HDMI Interface	Comply with HDMI1.4 standard; 60fps@1080P;
USB Video Interface	Connecting USB port of PC for video transfer ; MJPEG format video;
Function Name	**Function Description**
Video Saving	Video format：1920*1080 H264/H265 encoded MP4 file; Video saving frame rate ： 60fps(**XCAM1080P2MPA**; 30fps(**XCAM1080P8MPB**)
Image Capture	2M (1920*2160, XCAM1080P2MPA) JPEG/TIFF image in SD card ; 8M (3840*2160, XCAM1080P8MPA/XCAM1080P8MPB) JPEG/TIFF image in SD card ;
Measurement Saving	Measurement information saved in layer mode with image content; Measurement information is saved together with image content in burnin mode.
ISP Function	Exposure(Automatic / Manual Exposure) / Gain， White Balance(Manual / Automatic / ROI Mode)， Sharpening， 3D Denoise， Saturation Adjustment， Contrast Adjustment， Brightness Adjustment， Gamma Adjustment， Colour to Gray， 50HZ/60HZ Anti-flicker Function
Image Operations	Zoom In/Zoom Out, Mirror/Flip, Freeze, Cross Line, Overlay, Embedded Files Browser, Video Playback, Measurement Function
Embedded RTC(Optional)	To support accurate time onboard
Restore Factory Settings	Restore camera parameters to its factory status
Multiple Language Support	English / Simplified Chinese / Traditional Chinese / Korean / Thai / French / German / Japanese / Italian / Russian