Moticam 1080X
HDMI&USB MutiPort

SAP Code	1100600101481	
Sensor	IMX185	
Sensor Size	1/1.9"	
Imaging Area	7.20 x 4.05mm	
Capture Resolution	8MP on SD card	
Pixel Size	3.75 x 3.75µm	
Scan mode	Progressive	
Shutter mode	Rolling Shutter	
G Sensitivity Dark Signal	1120 mv with 1/30s	0.15 mv with 1/30s
Exposure time	0.06~918ms	
Operating temperature	From -10 to +50 Degrees Celsius non condensing	
Operating humidity	30~80%RH	
Lens mount	C-Mount	
Software	MotiConnect for Android/iOS; Motic Images Plus 3.1 for Windows/Mac OS	
Package includes	12V Power Adapter, CS Ring, Motic 4-dot calibration slide, Dust Cap, Manual, 12mm lens, Adapter φ30/φ38, Macro Tube, Macro Calibration card	

INTERFACE & BUTTON FUNCTIONS

USB MultiPort	USB WiFi Dongle or USB Mouse
HDMI	HDMI Output
DC12V	DC12V Power in
SD	SD Card Slot
ON/OFF	Power On/Off Switch
LED	Power Off Red, Power On Blue

SPECIFICATION FOR HDMI OUTPUT

UI Operation	With USB Mouse
Video Record	ASF Format 1080P 30fps in SD Card
Camera Control Panel	Including Exposure, Gain, White Balance, Color Adjustment, Sharpness and Denoising Control
Toolbar	Including Zoom, Mirror, Comparison, Freeze, Measure, Cross, Browser Function
Max. frames per second (fps*)	30fps@1920x1080

SPECIFICATION FOR WIFI OUTPUT

UI Operation	MotiConnect & Motic Images Plus 3.1
WiFi Performance	802.11n 150Mbps; RF Power 20dBm(Maximum)
Maximum Connected Devices	3~6(According to the Environment and Connection Distance)
White Balance	One Push White Balance
Color Technique	Ultra-Fine Color Engine (WiFi)
Recording System	Still Picture or Movie (WiFi)
Max. frames per second (fps*)	25fps@1920x1080

Frames per second under optimal lighting conditions and in compliance with computer technical requirements.

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