



# Moticam 1080X

## HDMI&USB MultiPort



<b>SAP Code</b>	1100600101481
<b>Sensor</b>	IMX185
<b>Sensor Size</b>	1/1.9"
<b>Imaging Area</b>	7.20 x 4.05mm
<b>Capture Resolution</b>	8MP on SD card
<b>Pixel Size</b>	3.75 x 3.75µm
<b>Scan mode</b>	Progressive
<b>Shutter mode</b>	Rolling Shutter
<b>G Sensitivity Dark Signal</b>	1120 mv with 1/30s 0.15 mv with 1/30s
<b>Exposure time</b>	0.06~918ms
<b>Operating temperature</b>	From -10 to +50 Degrees Celsius non condensing
<b>Operating humidity</b>	30~80%RH
<b>Lens mount</b>	C-Mount
<b>Software</b>	MotiConnect for Android/iOS; Motic Images Plus 3.1 for Windows/Mac OS
<b>Package includes</b>	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

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

### SPECIFICATION FOR HDMI OUTPUT

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

### SPECIFICATION FOR WIFI OUTPUT

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

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