# Moticam 1080X
## HDMI & USB MultiPort

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|---|---|
| **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 1/30s0.15 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

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|---|---|
| **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

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|---|---|
| **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

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|---|---|
| **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.