

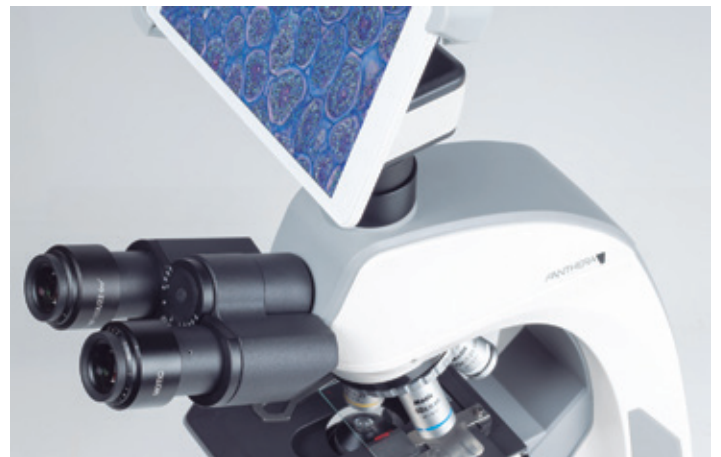


Specification
Sheet

Motic®
MORE THAN MICROSCOPY

MOTICAM Series

MOTICAM BTX8





MOTICAM Series - Tablet Solutions

MOTICAM BTX8

Sensor type	CMOS
Sensor size	1/3"
Imaging area	5.44mm x 3.07mm
Capture resolution	4.0 MP
Live display mode (through RJ-45)	1920X1080/1280 x 720 (display resolution)
Live display mode (through Wi-Fi)	1920X1080/1280 x 720 (display resolution)
Pixel size	2.0µm x 2.0µm
Scan mode	Progressive
Data transfer	Wi-Fi (2.4 or 5 GHz) and Ethernet (RJ45)
Max. Frames per second (fps*)	1920 x 1080 @ 30 fps (depending on Wi-Fi strength) 1280 x 960 @ 30 fps (depending on Wi-Fi strength)
Exposure time	30 µsec to 30 msec
Operating temperature	From 0 to +60 Degrees Celsius non condensing
Max. signal to noise ratio	38.3dB
Dynamic range	64.6dB
Sensitivity	1,9V/Lux-sec (550nm)
Buttons	On / Off
Support device	Universal Web browser (HTML5)
Supported OS	Microsoft Windows XP/Vista/7/8/MAC OSX/Android 4,0 or higher/ iOS7 or higher
Minimum computer requirements	2GHz dualcore RAM memory 2GB Video memory min. 512 MB
Lens mount	C-Mount
Screen	8" IPS Tablet
Software	MotiConnect App (pre-installed) Standard Tools: Still image and video capture, live and still image measurement, image adjustments, white balance, automatic & manual exposure, individual objective calibration system.
Power supply	5V (External Power supply)
Tablet bracket holder	For tablets from 7" to 10"
Package includes	MicroSD 16Gb included, HDMI Cable, USB 2.0 Cable, Motic Images Plus 3.0, Motic 4-dot calibration slide, Charger 100V-240V (CE)



MOTICAM Series - Tablet Solutions

TABLET SPECIFICATIONS

Size	209 x 126 x 9.9 mm
System	Android 5.1
Pre-installed App	MotiConnect
Language	Multi-Language
CPU	1.3GHz Quad core
RAM	1GB DDR3
NAND FLASH	8GB
Display	8" (IPS) 16:10 Ratio
Display Resolutions	1280 x 800
TOUCH PANEL	Capacitive Multi-Touch Screen
GPU	MALI-T720 MP2
Ports	MicroSD/MMC/TF Card (Support up 64 GB) 3.5mm Audio Micro USB (USB OTG and Charging) Micro HDMI output
Speaker	Dual Speaker
MIC	MIC (Internal)
Wi-Fi	802.11b/g/n
Bluetooth	4.0
Camera	Front (VGA) + Rear (2M Pixels)
Support Display Format	MPEG-1/2 (DAT, MPG, VOB, TS), MPEG-4, H.263 (3GP, MOV, MP4), H.264 (AVI, MKV, MP4, MOV, 3GP), RM, RMVB, FLV, WEBM
Support Audio Format	MP3, WMA, MP2, OGG, AAC, M4A, OGA, FLAC, APE, MP1, WAV
Picture Format	JPG, JPEG, GIF, BMP, PNG
Battery	3.7V/3500mA Rechargeable Battery
Power Supply	"Input AC100-240V. 50-60HZ Output: DC5V 2A (Support USB port charging)"
Certifications	FCC CE
Color	White