

MOTICAM Series

MOTICAM BTX8 PLUS





MOTICAM Series - Tablet Solutions

MOTICAM BTX8 PLUS

Sensor type	CMOS
Sensor size	1/3"
Imaging area	5.44x3.07mm
Capture resolution	4MP (2592x1520 pixels)
Live display mode through Wi-Fi	1280x720, 1920x1080 pixels (Full HD)
Live display mode through ethernet	1280x720, 1920x1080 pixels (Full HD)
Pixel size	2.0x2.0µm
Scan mode	Progressive
Data transfer	Wi-Fi (2.4 & 5 GHz), Ethernet
Max. frames per second (fps*)	1920x1080 @ 30 fps, 1280x960 @ 30 fps (depending on Wi-Fi strength)
Exposure time	0,03 msec to 0,03 sec
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)
Support device	Universal Web browser (HTML5)
Supported OS	Windows 7/8/10, 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 for iOS and Android (pre-installed)
Functions	Still image and video capture, live and still image measurement, image adjustments, white balance, automatic & manual exposure, individual objective calibration system.
Power supply	12V (External Power supply)
Tablet bracket holder	For tablets from 7" to 10"
Package includes	MicroSD 16Gb included, USB 2.0 cable, Motic 4-dot calibration slide, Motic Images Plus 3.0 for Windows/OSX/Linux, universal power supply 100V-240V (CE)
Other features	(*) Frames per second under optimal lighting conditions and in compliance with computer technical requirements.

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TABLET SPECIFICATIONS

Size (mm)	209x126x9.9mm
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	1280x800
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	8Ω/0.7Wx2
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/3500mAh Rechargeable Battery
Power supply tablet	Input AC100-240V. 50-60HZ - Output: DC5V 2A (Support USB port charging)
Certifications	FCC CE
Color	White