

MOTICAM Series

MOTICAM BTU10





MOTICAM Series - Tablet Solutions

MOTICAM BTU10

Sensor type	CMOS
Sensor size	1/2,5"
Imaging area	5.12x3.84mm
Capture resolution	5MP
Live display mode through USB	1280x800 pixels
Live display mode through HDMI	720P (HD)
Pixel size	2.2x2.2µm
Scan mode	Progressive
Data transfer	USB 2.0
Max. frames per second (fps)	USB: 1280x1024 @ 10 fps, 1280x720 @ 10 fps, 800x600 @ 20 fps
Exposure time	0,09 msec to 6 sec
Operating temperature	From -10 to +60 Degrees Celsius non condensing
Max. signal to noise ratio	38.1dB
Dynamic range	70.1dB
Sensitivity	1,0V/Lux-sec (550nm)
Supported OS	Windows XP/Vista/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	10" IPS Tablet
Software	MotiConnect App (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	5V (External Power supply)
Tablet bracket holder	For tablets from 7" to 10"
Package includes	MicroSD 16Gb included, USB 2.0 cable, HDMI cable, Motic 4-dot calibration slide, Motic Images Plus 3.0 for PC/OSX/Linux, charger 100V-240V (CE)

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



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TABLET SPECIFICATION

Size (Mm)	263x173x9.5mm
System	Android 5.1
Pre-installed App	MotiConnect
Language	Multi-Language
Cpu	1.9GHz Quad core
Ram	2GB DDR3
Nand flash	16GB
Display	10.1" (IPS) 16:10 Ratio
Display resolutions	1280x800 (IPS)
Touch panel	Capacitive Multi-Touch Screen
GPU	MALI-400
Ports	MicroSD/MMC/TF Card (Support up 32 GB), 3.5mm Audio, DC 5V Power Input, Micro HDMI output
Speaker	8Ω/1Wx1
Mic	MIC (Internal)
Wi-Fi	802.11b/g/n
Bluetooth	4.0
Gyro sensor	Gravity acceleration sensor
Camera	Front (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, BMP, PNG
Battery	3.7V/6000mAh Rechargeable Battery
Power supply tablet	"Input AC100-240V. 50-60HZ Output: DC5V 2A (Support USB port charging)"
Certifications	FCC CE MIC
Color	Black