

ST10-50MP-PDAF

Supertek 50MP USB2.0 Camera Module



SPECIFICATION

Image Sensor	1/1.56-inch CMOS Sensor
Pixel Size	1.0 μ m x 1.0 μ m
Resolution	50 Megapixel 8160H x 6120V
Output Format	MJPEG, YUV2
FOV	84.4 degree
Lens	EFL: 5.95mm, F/No: 1.88, 6P+IR 650nm
Focus type	PDAF
Shutter type	Electronic Rolling shutter
Protocol & Connection	Plug & Play, UVC compliant
Output & Power Supply	USB2.0
Supported OS	Android, Linux, Mac OS, etc



Controllable Features

Brightness, Contrast, Saturation, Hue, Sharpness,
Gamma, White balance, Backlight Contrast, Exposure

Cable length

Default 1m USB cable

Module Size

38 * 38mm

FORMAT	RESOLUTION	FRAME RATE	
		USB2.0	USB3.0
MJPEG	8160*6120	5fps	
	4000*3000	15fps	
	3840*2160	30fps	
	1920*1080	30fps	
	1280*720	30fps	
YUY2	1920*1080	5fps	
	1280*720	10fps	
	640*480	30fps	

WORKING CONDITION

Power Consumption

USB DC +5V Supply

Operating Temperature

-20°~ +60°

Storage Temperature

-20°~ +85°

Humidity

80 ~ 85%

For more information relating to cameras, please send us email via sales@supertekmodule.com,
or visit our website www.supertekmodule.com

PRODUCT DIMENSION

