



1. Key Specifications (主要规格)

Module No.	HBVCAM-W202012HD V22
Module Size	30mm × 25mm × 12.0mm ± 0.3MM
Temperature (Operation)	-30℃ to 70℃
Temperature (Stable Image)	0℃ to 50℃
Assembly technique	SMT (ROSH)
Focus	Fixed
Object distance	30CM-infinity
Resolution	600LW/PH (Center)
PCB printing ink	Black
interface	USB 2.0
Power supply	USB bus power
supply voltage	DC 5V ± 5%
Maximum Power consumption	650 mW
Operating system request	Win XP/win 7、8 / vista /android 4.0/ mac /Linux with uvc
Sensor	OV9726 (1/6.5")
Seneor Package	CSP,Bare Die
Maximum resolution	1280*800
Sensitivity	1300mV / (lux-sec)
Pixel Size	1.75μm x 1.75μm
Maximum Image Transfer Rate	MJPEG 320x240 30FPS / YUY2 320x240 30FPS MJPEG 640x360 30FPS / YUY2 640x360 30FPS MJPEG 640x480 30FPS / YUY2 640x480 30FPS MJPEG 800x600 30FPS / YUY2 800x600 15FPS MJPEG 1280x720 30FPS / YUY2 1280x720 10FPS MJPEG 1280x800 30FPS / YUY2 1280x800 10FPS
S/N Ratio	36 db
Max Dynamic Range	70 db
Shutter type	Electronic rolling shutter
AGC/AEC/Whiter balance	Auto
Output Formats	YUY2/MJPEG
Microphone	NO
Lens Construction	3P
F/No	2.8
EFL	3.0 mm
FOV	42°
TV Distortion	<-1.0%
Relative Illumination (Sensor)	70%
IR Filter	650±10nm
Module Package	Anti-electrostatic tray
Certifications	FCC/CE/ROSH