

To: Phase 1 Technology.

New Products Release

1080, 60p, 3G-SDI interfaced, Full HD camera with x18 zoom

CIS proudly announces that our new Full HD camera module with x18 zoom to be released.

With x18 zoom auto focus lens attached, it features CIS original ISP, state-of-the-art "Clairvu™"+, for superb imaging quality and high speed processing (1920x1080@60fps). High quality images almost equivalent to 3 CCD camera in a compact foot print, 60x55x98.8mm. In addition to AE, auto white balance, color correction, edge enhancement, noise reduction, and gamma control function, 3DNR, HDR, shading correction, Gen Lock, OSD, time code, and more. We are happy to customize to make it suitable for your application.

Best suited for high image quality conscious applications such as medical, broadcasting, live image filming, ITS, UAV, ROV and others. Please refer to our specifications manual to learn more.

More CIS Full HD and 4K products, focused on high image quality, high resolution and high sensitivity/NIR in a compact foot print, are under design development.

Product Outline

[Learn more](#)

Model	VCC-HD10ZM
Video output format	1920x1080p: 60fps, 59.94fps, 50fps, 30fps, 29.97fps, 25fps, 24fps, 23.97fps 1920x1080i: 60fps, 59.94fps, 50fps 1280x720p: 60fps, 59.94fps, 50fps
Image sensor	1/3 inch type CMOS 1944x1213 2.75μm x 2.75μm
Signal I/F	3G-SDI·HD-SDI, Y/Pb/Pr (4:2:2 10bit) BNC 75Ω terminal
Sensitivity	F5.6 2000lx
Min. Illumination	F1.6 1.5lx
Power requirement and power consumption	DC+10~+15V 6.5W typ at DC+12V In
Lens	X18 zoom·auto focus lens attached, focal length:fw=4.7mm, ft=84.6mm
Dimensions and weight	60(W)x55(H)x98.8(D)mm / approx. 270g
Function	x 18 zoom, AF, 3DNR,HDR, AGC, shading correction, variable shutter speed, AWB, flicker cancel, edge enhancement, color correction, color saturation adjustment, color compression, noise reduction, gamma correction, pedestal adjustment, color balance, LTC, GenLock, OSD, Day and Night function, and more
Quality Standard	Comply to UL, RoHS, CE, and FCC Class A
Operation conditions	-5 ~+45°C with 20~80%RH with no condensation

Schedule

Evaluation sample: **Available now**

Mass production: April, 2015