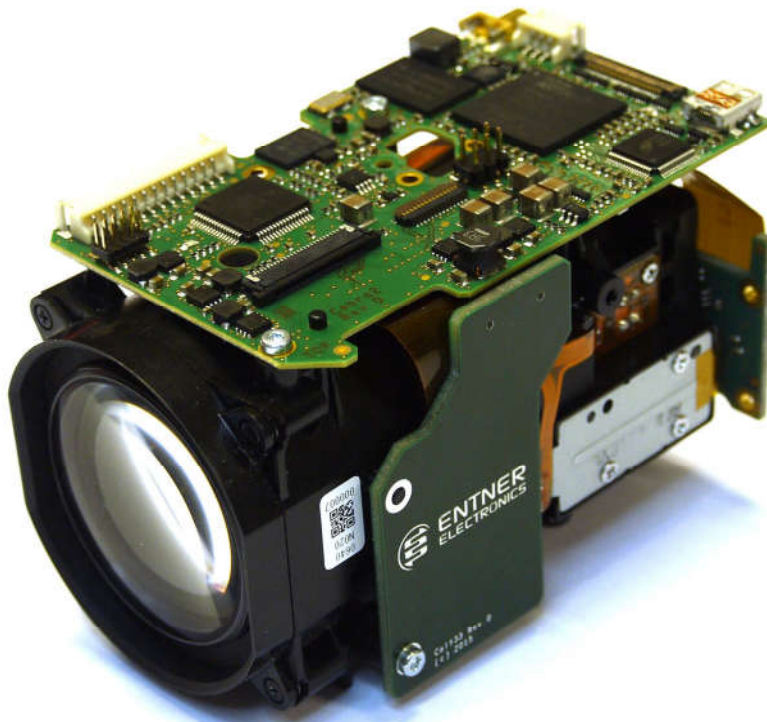


Entner Electronics

UC-203GS

2MP Global Shutter 3.3x Zoom Camera Module



Overview

The UC-203GS is a highly integrated 1080p60 global shutter camera module with 3.3x zoom. Because of its zoom range, global shutter and high sensitivity it is ideally suited for ITS and surveillance applications.

It is part of our 3rd generation camera family which features on-board Linux (that can optionally be used for user applications) and many integrated interfaces including HDMI, Ethernet and USB that can be accessed via simple break-out boards.

Specifications

Supported Resolutions	1920 x 1080 @ 60fps 1600 x 1200 @ 60fps Smaller resolutions on request
Pixel size / Sensor	3.45µm , BSI, CMOS, global shutter Monochrome or color
Optical zoom	3.3x (f = 15mm to 50mm)
Digital zoom	Up to 4x possible as default
Focus	Automatic, one-push auto and manual
M.O.D.	1m
F Number	1.4 (W) to 1.6 (T)
Hor. FOV	25° (W), 7.6° (T)
Outputs and Interfaces	HDMI USB 2.0 device (UVC) USB 2.0 host option 30pos LVDS + VISCA Ethernet (option) All outputs are available on micro-coax connectors (with optional break-out PCBs) SD card option
Power Supply	5V to 12V DC
Housing Options	None Metal frame
Dimensions	50mm x 58mm x 87mm (no housing) 50mm x 60mm x 90mm (metal frame)
Weight	130g (no housing) TBD (metal frame)
Further Notes	Temporal noise reduction 120 fps option: to be discussed Linux-based system: User can execute his own software on the camera if desired (e.g. for on-board processing, custom OSD, etc.)

Preliminary information – specification and availability subject to change without notice

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