

ANALOG HDR VIDEO CAMERA

GxC-720-I-1-A



C A M E R A S

The increasing demand for HDR camera systems with integrated video processing is handled by this tiny camera. By also integrating remote control functionality and graphics overlay GxC-720-I-1-A is the right choice for building next generation camera systems. This basic edition is optimized for cost and size. Beside standard analog camera functionality it can also execute complex image adjustment tasks like pan/tilt, rescale, multiview or distortion correction. All electronics and optical components can be sealed in a plastic molded housing, making GxC-720-I-1-A the perfect solution in harsh environments.

PRODUCT FEATURES

Functional Attributes

- 1/4" CMOS image sensor, colour masked
- Native resolution: 1280x800@60fps
- SNR: 41dB, sensitivity: 4.0V/lux*sec
- High-dynamic-mode (HDR)
- Image processing subsystem with AGC, AEC, AWB, adaptive-local-tonemapping
- Perspective image adjustment graphics overlay (controlled by steering)
- Lens distortion correction

Interfaces

- PAL-B/-D/-G or NTSC output
- Integrated M12 lens with IR-cut filter
- FOV(D): 175° / other options on request

Power Supply

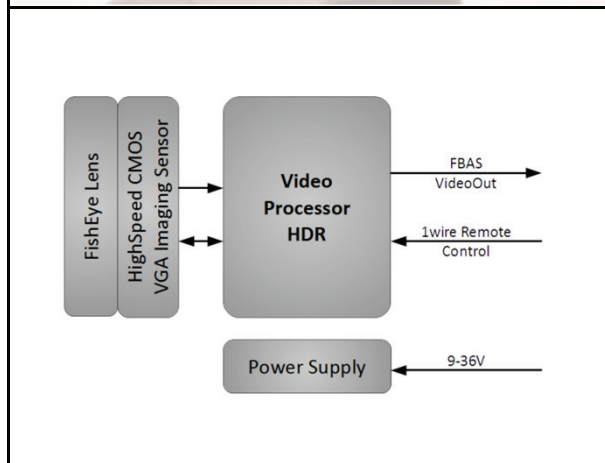
- Operating voltage: +9-36V DC
- Power dissipation: approx. 1.0W

Environmental / Mechanical

- Size: 25mm x 22mm x 28mm
- Operating temp: -40°C to +85°C
- Sealed and molded housing: IP69K
- RoHS compliant, ECE-R10
- Weight: ...g

Optional

- 1/3" global shutter
- OEM board camera design available
- Multiview: total / near, left / middle / right / "bird view"



APPLICATIONS

- Automotive applications
- Surveillance and public safety
- Rear view systems
- Cost sensitive applications
- Caravanning applications