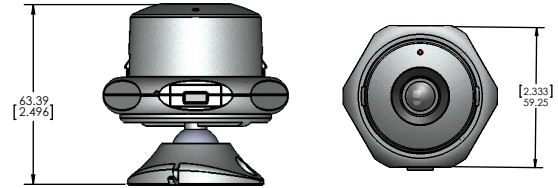




Dimensions (unit : mm)



Summary

The FHP-FL28-4MP is small form factor edge enabled networked digital security camera that can provide 4 megapixel resolution at 30 frames per second (fps) or 1080p at 60fps. Highly advanced back-side illuminated sensor technology supports 3 frame exposure HDR and 100dB sensitivity. Further enhancing this platform's video quality is the all glass F2.0 2.8mm lens and a switchable day night filter for high quality low light performance. A powerful yet energy efficient 1.0GHz processor enables the camera to deliver up to 4 video streams while also being capable of running many of today's cutting edge applications such as on board storage, video management, and analytics.

Features

- Advanced Arm Cortex - A9 1.0 Ghz CPU with L2 Cache
- 28nm CMOS Low Power (LP) Technology
- User Configurable Multi Stream
- H.264 and MJPEG codec
- Advanced WDR
- 3D Motion-Compensated Noise Reduction
- Intelligent Bit Rate Mode Controls
- Digital Lens Distortion Correction
- True Day/Night Filter
- Crop, Mirror, Flip, 90/270 degree Rotation
- Flexible API's
- Real Time Clock
- 1920x1080p60, 2688x1520p30
- 2µm x 2µm pixel, 1/3" backside illumination CMOS sensor
- Micro SDXC Card Slot
- ONVIF Compliant Profile S
- Various Mounting Options

Advanced Edge Computing Software Platforms*

- DW Spectrum Edge
- Prism Skylabs Edge
- Advanced Analytic Packages

*2 Features are able to run concurrently with MSDXC

Specifications

IMAGE	
Image Sensor	1/3" CMOS Sensor
Total Pixels	2688 (H) X 1520 (V) @30fps, 2.2µm pixels
Minimum Scene Illumination	F1.4: 0.1 Lux [Color] F1.4: 0.01 Lux [B&W]
LENS	
Focal Length, HFOV	2.8mm / 110°
Lens Type	Fixed
F-Stop	F 2.0
OPERATIONAL	
HDR	3-Exposure, Line-Interleaved, 100dB
Shutter Mode	Auto, Manual
Digital Slow Shutter	Off, 2X, 3X, 4X
Shutter Speed	1/25, 1/30, 1/50, 1/60, 1/100, 1/120, 1/240, 1/480, 1/960, 1/1024, 1/8000, 1/16000, 1/32000
Back Light Compensation	Off, On
Day and Night	Auto, Day (Color), Night (B/W)
Saturation	0~255
Brightness	-255~255
Hue	-15~15
Contrast	0~255
Sharpness	0~10
Active Noise Filter	Low, Medium, High
Motion Detection: Sensitivity	0-100%
NETWORK	
Video Compression Type	H.264, MJPEG
Resolution	2688X1520~ 1920X1080 ~ 1280X720
Frame Rate	4MP30, 1080P60
Streaming Capability	2 Simultaneous Streams, User Defined
IP	IPv4, IPv6
Data Transmission	TCP/UDP, DHCP, NFS/SAMBA, RTSP/HTTP/HTTPS/FTP
Maximum User Access	20 Users
ONVIF Conformance	Profile S
Web Viewer	OS: Windows XP / Windows 8 / Vista / 7, MAC OS Browser: Internet Explorer, Chrome, Firefox, Safari
Video Management Software	Spectrum, ONSSI, Milestone, Exacq, Genetec
Memory Slot	Single SDXC Card Slot (Card Not Included*)
ENVIRONMENTAL	
Operating Temperature/ Humidity	-20°C ~ 50°C (32°F ~ 122°F)
Operating Humidity	Less than 90% (Non-Condensing)
Storage Temperature	-40°C ~ 60°C (-4 °F ~ 140°F)
Other Certifications	CE, FCC, RoHS
ELECTRICAL	
Power Requirement	5VDC via POE Network Adaptor
Power Consumption	<4W
MECHANICAL	
Material	Plastic and Aluminum
Dimensions	64 X 60 mm (2.50 X 2.33 in)
Weight	0.40 lbs (182 grams)

*Specification is subject to change without prior notice.