



Series FK-C-3700

Analog DSP camera with automatic iris control DC/Al

Compact high-end camera for analog system applications. Due to the small dimensions, low weight, two different sensor sizes, as well as a variety of software options, it is particularly suitable for:

- Production monitoring
- Security
- Machine Vision
- Applications in extremely bright areas such as welding

By making changes within the firmware, this camera is also suitable for other special applications.

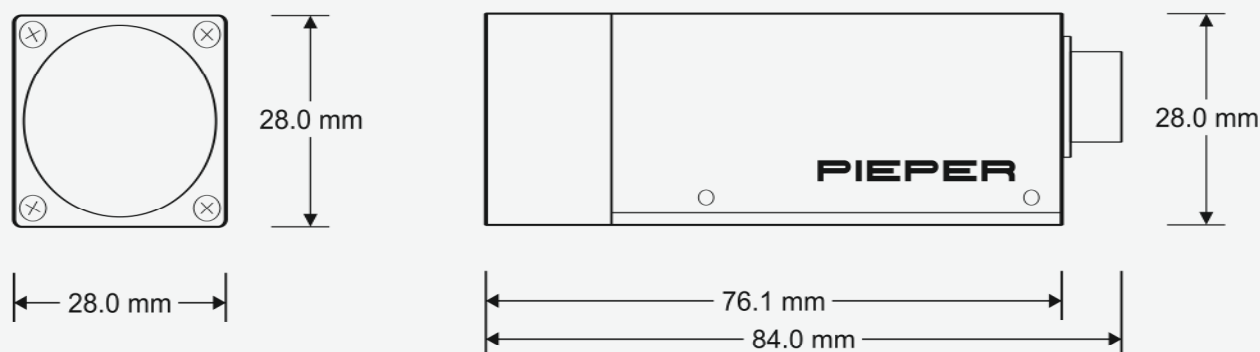


Series FK-C-3700_

Series FK-C-3700 - Specifications

	FK-C-3712-2-IQ	FK-C-3713-2-IQ
	1/2" DSP-Color camera with automatic iris control DC/Al	1/3" DSP-Color camera with automatic iris control DC/Al
Sensor	1/2" CCD	1/3" CCD
Scanning area	6.4 x 4.8 mm	4.8 x 3.6 mm
Picture elements	752 (H) x 582 (V)	752 (H) x 582 (V)
Sensitivity	0.01 lux color	0.01 lux color
Resolution	450 lines	450 lines
Scanning	625 lines CCIR/PAL	625 lines CCIR/PAL
Signal/noise ratio	> 48 dB (22 dB at AGC 32 dB)	> 48 dB (22 dB at AGC 32 dB)
Shutter	Electronic Shutter adjustable from 1/50 - 1/100,000/sec.	Electronic Shutter adjustable from 1/50 - 1/100,000/sec.
Integration	Available using software SO-3700	Available using software SO-3700
Video output	PAL/Composite	PAL/Composite
White balance	Manual/automatic 2,500 – 10,500 K	Manual/automatic 2,500 – 10,500 K
Image manipulation	Backlight control, digital zoom, pan, scroll, rotate, freeze	Backlight control, digital zoom, pan, scroll, rotate, freeze
Switchable	Color bars, color, monochrome	Color bars, color, monochrome
AGC	Variable	Variable
Communication	Serial RS-232C, 19.200 baud	Serial RS-232C, 19.200 baud
Connection	Onecable connector provides power, video and control	Onecable connector provides power, video and control
Operating temperature	-20 °C - +70 °C	-20 °C - +70 °C
Operating voltage	12 V DC	12 V DC
Dimensions (H x W x D)	28 x 28 x 75.15 mm	28 x 28 x 75.15 mm
Software	Compatible with software SO-3600	Compatible with software SO-3600
Accessories incl.	Mounting plate MP-3700, camera connector ST-7582	Mounting plate MP-3700, camera connector ST-7582

Series FK-M-3700 - Dimensions



MOOG
PIEPER

Head office
PIEPER GMBH
Binnerheide 33
58239 Schwerte
GERMANY
Tel.: +49 2304 4701-0
Fax: +49 2304 4701-77

Branch office Düsseldorf
PIEPER GMBH
Gumbertstr. 111
40229 Düsseldorf
GERMANY
Tel.: +49 211 215033
Fax: +49 211 215036

Branch office Berlin
PIEPER GMBH
Symeonstr. 6
12279 Berlin
GERMANY
Tel.: +49 30 7225299
Fax: +49 30 7224487

Branch office Gera
PIEPER GMBH
Lusaner Str. 20
07549 Gera
GERMANY
Tel.: +49 365 73707-0
Fax: +49 365 73707-17

Branch office Cottbus
PIEPER GMBH
Calauer Str. 70
03048 Cottbus
GERMANY
Tel.: +49 355 43090340
Fax: +49 355 43090341