V1182-2812-B3RR-P

LENS, 3MP, 1/2.7", F=2.8-12MM, F1.86 ~ 3.32, P IRIS





FEATURES

- 3MP
- P iris
- 1/2.7" Sensor
- 2.8~12 mm focal length, for many applications
- Operating temperature ranges from -30°C to +70°C
- Compact structure, easy to install

V1182-2812-B3RR-P lens which features wide aperture of F1.86~F3.32 and focal length of 2.8-12mm is of many kinds of applications. It is able to work under the condition of -30°C~+70°C. Its compact structure makes it easy to install.

TECHNICAL SPECIFICATIONS

Resolution 3MP Image Circle 1/2.7"

Focal Length 2.8mm(W) ~ 12 mm(T) Aperture (F/#) F1.86(W)-F3.32(T) 0.8m-INF(W)/ 1m-INF(T) Focus range

Optical distortion Image Circle=6.6mm: -51.4%(W), -4%(T)

Chief ray angle

COMS W FOV 1/2.8" 112.6°x92.5°x66.9° (Focus 1/2.7" 126.7°x96.6°x66.8° on INF) 1/2.3" 112.6°x88.2°x59.8°

38.0°x30.4°x22.7° 38.9°x31.5°x22.7° 35.7°x29.1°x20.5°

Mount CS Mount Lens structure 9G

Total track length 50.19mm (W)

Flange focal length 12.23mm (W) ~ 13.23mm (T)

Back focal length 6.69mm Weight 51g Manual Focus

Operation Zoom Manual

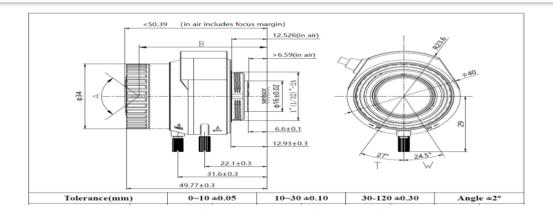
Iris P Iris

Unit Dimensions (Hר) 49.77mmx34mm -40°~80°; 10 ~ 95%RH Storage temperature Operating temperature -30°~70°C; 10~95%RH

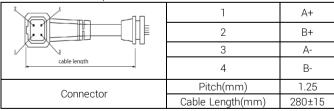
ORDERING INFORMATION

V1182-2812-B3RRP Lens, 3MP, 1/2.7", f=2.8-12mm, F1.86 ~ 3.32, CS Mount, P-Iris

DIMENSIONS



Connector and Cord Specification



P-Iris Specification

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	Motor Type	PM type stepping motor			
Stepping Motor	No. of Phases	2 phases			
	Suggested drive excitation	2-2			
	No. of Iris steps	92±4 steps			
	Coil Resistance	28.5±10%Ω/phase, at 20℃			
	Operation Voltage	2.6 ~ 3.3V			
Operating	Operation Frequency	50 ~ 100pps			
	Suggested	3V 100pps			

3. Iris

Pin	Step			
	1	2	3	4
А	Н	L	L	Н
A-	L	Н	Н	L
В	Н	Н	L	L
B-	L	L	Н	Н

Iris Open \rightarrow Close: $1 \rightarrow 2 \rightarrow 3 \rightarrow 4 \rightarrow 1...$

Iris Close \rightarrow Open: $4 \rightarrow 3 \rightarrow 2 \rightarrow 1 \rightarrow 4...$