

Produkt Name		Product Name	HF12.5HA-1S
Brennweite [mm] (Designwert)	Focal length [mm] (design value)		12.5 (12.88)
Blende (F-Nummer)	Iris range (Fnumber)		F1.4-F16
Bildwinkel	Angle of view		39.2° × 29.4° (2/3")
Arbeitsabstand (von der Vorderseite des Objektivtubus) [mm]	Working distance (from front of lens barrel) [mm]		∞ - 100mm
Fokuseinstellung	Operation of focus		Manual
Blendensteuerung	Operation of iris		Manual
Filtergewinde [mm]	Filter thread [mm]		M25.5 × 0.5
Anschluss	Mount		C-mount
Gewicht (ca.) [g]	Weight (approx.) [g]		40
Sensorgroße (standard)	Sensor size (std.)		2/3" (6.2μm)
Sensorgroße (maximal)	Sensor size (max.)		2/3" (6.2μm)
Hintere Brennweite (in Luft) [mm]	Back focal length (in air) [mm]		15.09
Auflagemaß [mm]	Flange back [mm]		17.526
Eintrittspupillenposition (vom Anschluss) [mm]	Entrance pupil position (from Mount) [mm]		-9.86
Austrittspupillenposition (vom Bildsensor) [mm]	Exit pupil position (from image plane) [mm]		-31.33
Vordere Hauptpunktposition (vom Anschluss) [mm]	Front principal point (from Mount) [mm]		-2.85
Hintere Hauptpunktposition (vom Anschluss) [mm]	Rear principal point (from Mount) [mm]		4.65
Abstand zwischen den Hauptpunkten [mm]	Distance between the principal points [mm]		7.49
TV-Verzerrung [%]	TV distortion [%]		-1.95
Abmessungen [mm]	Dimension [mm]		φ29.5 × 29.5
Hauptstrahlwinkel [°]	Chief Ray Angle [°]		9.50
Relative Beleuchtung [%] (Blende: F4.0, Bildhöhe: diagonal)	Relative illumination [%] (Aperture: F4.0, Image height: at diagonal)		98
Relative Beleuchtung [%] (Blende: bei voller Öffnung, Bildhöhe: diagonal)	Relative illumination [%] (Aperture: at full open, Image height: at diagonal)		36
Betriebstemperaturbereich	Operation Temperature Range		-10°C ~ +50°C
Lagertemperaturbereich	Storage Temperature Range		-30°C ~ +60°C

*Die Definition des Arbeitsabstands wurde in einen Bereich geändert, in dem eine Fokuseinstellung möglich ist. (März 2020) Diese Spezifikationen können ohne vorherige Ankündigung geändert werden.

05. March 2020

GK VISION GmbH - VISIONTECHNIK Eggerstedter Weg 18 25421 Pinneberg	Tel.: +49 (0) 4101 805 0028 E-Mail: info@visiontechnik.de Website: www.visiontechnik.de
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型番	Product Name	HF12.5HA-1S
焦点距離 [mm]	Focal length [mm] (design value)	12.5 (12.88)
絞り (F値)	Iris range (Fnumber)	F1.4-F16
画角 (H × V)	Angle of view	39.2° × 29.4° (2/3")
フォーカス範囲 (レンズメカ先端より) [mm]	Working distance (from front of lens barrel) [mm]	∞ - 100mm
操作方法:フォーカス	Operation of focus	Manual
操作方法:アイリス	Operation of iris	Manual
フィルタ径 [mm]	Filter thread [mm]	M25.5 × 0.5
マウント	Mount	C-mount
質量 (約) [g]	Weight (approx.) [g]	40
適合センサーサイズ (標準)	Sensor size (std.)	2/3" (6.2μm)
適合センサーサイズ (最大)	Sensor size (max.)	2/3" (6.2μm)
バックフォーカス (空気換算長) [mm]	Back focal length (in air) [mm]	15.09
フランジバック [mm]	Flange back [mm]	17.526
入射瞳位置 (マウント面から) [mm]	Entrance pupil position (from Mount) [mm]	-9.86
射出瞳位置 (結像面より) [mm]	Exit pupil position (from image plane) [mm]	-31.33
前側主点 (マウント面から) [mm]	Front principal point (from Mount) [mm]	-2.85
後側主点 (マウント面から) [mm]	Rear principal point (from Mount) [mm]	4.65
主点間隔 [mm]	Distance between the principal points [mm]	7.49
TVディストーション [%]	TV distortion [%]	-1.95
外形寸法 [mm]	Dimension [mm]	φ29.5 × 29.5
主光線入射角度 [°]	Chief Ray Angle [°]	9.50
周辺光量比 (F4.0・対角端) [%]	Relative illumination [%] (Aperture: F4.0, Image height: at diagonal)	98
周辺光量比 (開放・対角端) [%]	Relative illumination [%] (Aperture: at full open, Image height: at diagonal)	36
使用温度範囲	Operation Temperature Range	-10°C ~ +50°C
保存温度範囲	Storage Temperature Range	-30°C ~ +60°C

*Changed the definition of working distance to a range where focus adjustment is possible. (Mar. 2020) These specifications are subject to change without notice.

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