

Produkt Name		Product Name		HF8XA-1F
Brennweite [mm] (Designwert)		Focal length [mm] (design value)		8
				(8.30)
Blende (F-Nummer)	Standardplatte	Iris (Fnumber)	Standard Plate	F1.6
	Platte "C"		Plate "C"	F4
	Platte "E"		Plate "E"	F8
Bildwinkel		Angle of view		58.4° × 44.6° (2/3")
Arbeitsabstand (von der Vorderseite des Objektivtubus) [mm]		Working distance (from front of lens barrel) [mm]		∞ - 100
Fokuseinstellung		Operation of focus		Fixed
Blendensteuerung		Operation of iris		Fixed
Filtergewinde [mm]		Filter thread [mm]		M25.5 × 0.5
Anschluss		Mount		C-mount
Gewicht (ca.) [g]		Weight (approx.) [g]		97
Sensorgröße (standard)		Sensor size (std.)		2/3" (3.45μm)
Sensorgröße (maximal)		Sensor size (max.)		2/3" (3.45μm)
Hintere Brennweite (in Luft) [mm]		Back focal length (in air) [mm]		9,75
Auflagemaß [mm]		Flange back [mm]		17,526
Eintrittspupillenposition (vom Anschluss) [mm]		Entrance pupil position (from Mount) [mm]		-39,29
Austrittspupillenposition (vom Bildsensor) [mm]		Exit pupil position (from image plane) [mm]		-617,54
Vordere Hauptpunktposition (vom Anschluss) [mm]		Front principal point (from Mount) [mm]		-31,16
Hintere Hauptpunktposition (vom Anschluss) [mm]		Rear principal point (from Mount) [mm]		9,23
Abstand zwischen den Hauptpunkten [mm]		Distance between the principal points [mm]		40,38
TV-Verzerrung [%]		TV distortion [%]		-1,99
Abmessungen [mm]		Dimension [mm]		φ34 × 60.2
Hauptstrahlwinkel [°]		Chief Ray Angle [°]		-0,18
Relative Beleuchtung [%] (Bildhöhe: Diagonal)	Standardplatte	Relative illumination [%] (Image height: at diagonal)	Standard Plate	42
	Platte "C"		Plate "C"	90
	Platte "E"		Plate "E"	90
Betriebstemperaturbereich		Operation Temperature Range		-10°C ~ +50°C
Lagertemperaturbereich		Storage Temperature Range		-30°C ~ +60°C

*Diese Spezifikationen können ohne vorherige Ankündigung geändert werden.

February 2021

GK VISION GmbH - VISIONTECHNIK
Eggerstedter Weg 18
25421 Pinneberg

Tel.: +49 (0) 4101 805 0028
E-Mail: info@visiontechnik.de
Website: www.visiontechnik.de

型番		Product Name		HF8XA-1F
焦点距離 [mm]		Focal length [mm] (design value)		8 (8.30)
絞り (F値)	標準プレート	Iris (Fnumber)	Standard Plate	F1.6
	プレートC		Plate "C"	F4
	プレートE		Plate "E"	F8
画角 (H × V)		Angle of view		58.4° × 44.6° (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]		∞ - 100
操作方法:フォーカス		Operation of focus		Fixed
操作方法:アイリス		Operation of iris		Fixed
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]		97
適合センサーサイズ (標準)		Sensor size (std.)		2/3" (3.45μm)
適合センサーサイズ (最大)		Sensor size (max.)		2/3" (3.45μm)
バックフォーカス (空気換算長) [mm]		Back focal length (in air) [mm]		9,75
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]		-39,29
射出瞳位置 (結像面より) [mm]		Exit pupil position (from image plane) [mm]		-617,54
前側主点 (マウント面から) [mm]		Front principal point (from Mount) [mm]		-31,16
後側主点 (マウント面から) [mm]		Rear principal point (from Mount) [mm]		9,23
主点間隔 [mm]		Distance between the principal points [mm]		40,38
TVディストーション [%]		TV distortion [%]		-1,99
外形寸法 [mm]		Dimension [mm]		φ34 × 60.2
主光線入射角度 [°]		Chief Ray Angle [°]		-0,18
周辺光量比 [%] (対角端)	標準プレート	Relative illumination [%] (Image height: at diagonal)	Standard Plate	45
	プレートC		Plate "C"	92
	プレートE		Plate "E"	95
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

*These specifications are subject to change without notice.

February 2021

GK VISION GmbH - VISIONTECHNIK
Eggerstedter Weg 18
25421 Pinneberg

Tel.: +49 (0) 4101 805 0028
E-Mail: info@visiontechnik.de
Website: www.visiontechnik.de