

Produkt Name		Product Name	HF50XA-5M
Brennweite [mm] (Designwert)	Focal length [mm] (design value)		50 (48.49)
Blende (F-Nummer)	Iris range (Fnumber)		F2.4-F16
Bildwinkel	Angle of view		10.4° × 7.8° (2/3")
Arbeitsabstand (von der Vorderseite des Objektivtubus) [mm]	Working distance (from front of lens barrel) [mm]		∞ - 200
Fokuseinstellung	Operation of focus		Manual
Blendensteuerung	Operation of iris		Manual
Filtergewinde [mm]	Filter thread [mm]		M30.5x0.5
Anschluss	Mount		C-mount
Gewicht (ca.) [g]	Weight (approx.) [g]		95
Sensorgroße (standard)	Sensor size (std.)		2/3" (3.45µm)
Sensorgroße (maximal)	Sensor size (max.)		1.1" (4.5µm)
Hintere Brennweite (in Luft) [mm]	Back focal length (in air) [mm]		24.48
Auflagemaß [mm]	Flange back [mm]		17.526
Eintrittspupillenposition (vom Anschluss) [mm]	Entrance pupil position (from Mount) [mm]		-19.79
Austrittspupillenposition (vom Bildsensor) [mm]	Exit pupil position (from image plane) [mm]		-64.87
Vordere Hauptpunktposition (vom Anschluss) [mm]	Front principal point (from Mount) [mm]		-7.88
Hintere Hauptpunktposition (vom Anschluss) [mm]	Rear principal point (from Mount) [mm]		-30.97
Abstand zwischen den Hauptpunkten [mm]	Distance between the principal points [mm]		-23.08
TV-Verzerrung [%]	TV distortion [%]		0.01
Abmessungen [mm]	Dimension [mm]		φ33 × 66.5
Hauptstrahlwinkel [°]	Chief Ray Angle [°]		4.79
Relative Beleuchtung [%] (Blende: F4.0, Bildhöhe: diagonal)	Relative illumination [%] (Aperture: F4.0, Image height: at diagonal)		97
Relative Beleuchtung [%] (Blende: bei voller Öffnung, Bildhöhe: diagonal)	Relative illumination [%] (Aperture: at full open, Image height: at diagonal)		65
Betriebstemperaturbereich	Operation Temperature Range		-10°C ~ +50°C

*Diese Spezifikationen können ohne vorherige Ankündigung geändert werden.

10. May 2019

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	HF50XA-5M
焦点距離 [mm]	Focal length [mm] (design value)	50 (48.49)
絞り (F値)	Iris range (Fnumber)	F2.4-F16
画角 (H × V)	Angle of view	10.4° × 7.8° (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]	∞ - 200
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]	M30.5x0.5
マウント	Mount	C-mount
質量 (約) [g]	Weight (approx.) [g]	95
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.)	1.1" (4.5μm)
バックフォーカス (空気換算長) [mm]	Back focal length (in air) [mm]	24.48
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]	-19.79
射出瞳位置 (結像面より) [mm]	Exit pupil position (from image plane) [mm]	-64.87
前側主点 (マウント面から) [mm]	Front principal point (from Mount) [mm]	-7.88
後側主点 (マウント面から) [mm]	Rear principal point (from Mount) [mm]	-30.97
主点間隔 [mm]	Distance between the principal points [mm]	-23.08
TVディストーション [%]	TV distortion [%]	0.01
外形寸法 [mm]	Dimension [mm]	φ33 × 66.5
主光線入射角度 [°]	Chief Ray Angle [°]	4.79
周辺光量比 (F4.0・対角端) [%]	Relative illumination [%] (Aperture: F4.0, Image height: at diagonal)	97
周辺光量比 (開放・対角端) [%]	Relative illumination [%] (Aperture: at full open, Image height: at diagonal)	65
使用温度範囲	Operation Temperature Range	-10°C ~ +50°C

*These specifications are subject to change without notice.

10. May 2019

GK VISION GmbH - VISIONTECHNIK
Eggerstedter Weg 18
25421 Pinneberg

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