

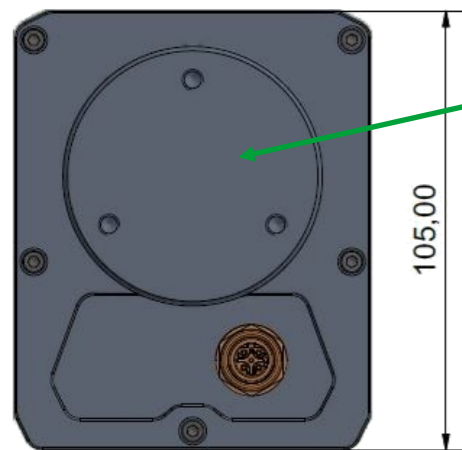
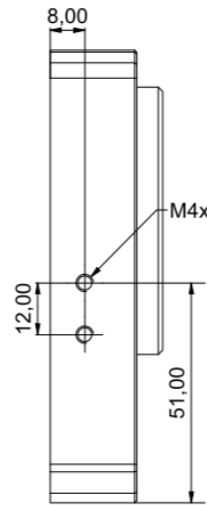
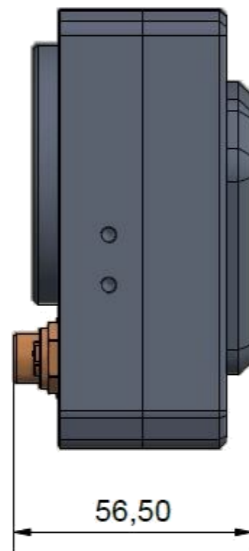


	Basic+ T1	Basic+ T1 WLED	Basic+ T1 IR	Basic+ TX	Basic+ TX WLED	Basic+ TX IR	Basic+ TX PoE	Basic+ TX PoE WLED	Basic+ TX PoE IR
Auflösung / Resolution	2MP(1920x1080)								
CMOS Sensor	1/2.8" / HDR								
Kompressionsformat / Compression format	H.264 (720p) / MJPEG (1080p)								
Max. Videostream	1920x1080@60fps								
Spannungsversorgung / Power supply	9-60V DC						PoE Standard IEEE802.3af-2003		
Leistungsaufnahme / Power consumption	< 4W	< 13W		< 4W	< 13W		< 13W		
Bildwinkel / Viewing angles	45°, 60°, 90°, 105, 125° *								
Betriebstemperaturbereich / Operating temperature	-40°C bis/to +95°C								
Lagertemperaturbereich / Storage temperature	-40°C bis/to +95°C								
Schutzklasse / Protection classes	IP68 / IP69K								
Schnittstelle / Interface	100BASE-T1			100BASE-TX					
Beleuchtung / Lighting	-	WLED	IR (850nm)	-	WLED	IR (850nm)	-	WLED	IR (850nm)
Gehäuse / Housing	Aluminium								
Heizung / Heating	X	✓	✓	X	✓	✓	X	✓	✓
Anschlüsse / Connector	1x M12X-F-8p								
Konfigurations-Tool / Configurations-Tool	WebGUI & TCP Protokolle / Protocols								
Protokoll / Protocol	RTP/RTSP, TCP/UDP, HTTP, REST API, ISO17215 (OPC UA, ONVIF auf Anfrage / on demand)								
EMV Belastbarkeit / EMC	Zulassungen gemäß allen relevanten EMV-Richtlinien aus den Bereichen Industrie, Landmaschinen, Stapler und Baumaschinen. Zertifikate auf Anfrage erhältlich. / Approvals in accordance with all relevant EMC directives in the fields of industry, agricultural machinery, forklifts and construction machinery. Certificates available on request.								
mechanische Belastbarkeit / Mechanical load capacity	Stoß- und Vibrationsfest für den Einsatz in den Bereichen Landmaschinen, Stapler und Baumaschinen. Zertifikate auf Anfrage erhältlich. / Shock and vibration resistant for use in agricultural machinery, forklifts and construction machinery. Certificates available on request.								
Maße / Dimensions	B: 85mm H: 105mm T: 56,5mm								
Gewicht / Weight	0,57kg								

eff. Bildwinkel / Angle of view

Bezeichnung	eff. horizontaler Bildwinkel eff. horizontal angle of view	eff. vertikaler Bildwinkel eff. vertical angle of view
ArkCam Basic+ 20°	18°	10°
ArkCam Basic+ 45°	42°	23°
ArkCam Basic+ 60°	57°	32°
ArkCam Basic+ 90°	84°	46°
ArkCam Basic+ 105°	103°	66°
ArkCam Basic+ 125°	125°	66°

Maße / Dimensions



Maße in / Dimensions in mm

Anzahl der Videostreams / Number of Videostreams



Randbedingung: Maximal sind insgesamt 5 Streams (RTSP, RTP, HTTP) gleichzeitig möglich.

RTSP (MJPEG oder H264): jeder RTSP-Zugriff belegt 1 Stream, nach Beendigung der Wiedergabe wird der Stream wieder freigegeben

RTP (MJPEG oder H264): Aktiviertes RTP belegt automatisch 1 Stream

HTTP (JPEG): maximal 2 Streams möglich

Boundary condition: Maximum total of 5 streams (RTSP, RTP, HTTP) possible at the same time.

RTSP (MJPEG or H264): each RTSP access occupies 1 stream, after finishing playback the stream is released again

RTP (MJPEG or H264): Enabled RTP automatically occupies 1 stream

HTTP (JPEG): maximum 2 streams possible

	H264 RTP (max 1)	H264 RTSP (max 5)	MJPEG RTP (max 1)	MJPEG RTSP (max 5)	MJPEG HTTP (max 2)
Anzahl der Videostreams / No of Videostreams		5			
			4		1
			4	1	
			4		1
	1		4		
			3		2
	1		3		1
			3	1	
			3		2
	1		3	1	
	1		3		1
			2		3
			2	1	2
	1		2		2
	1		2	1	1
	1		2		2
			1		4
			1		4
			1	1	3
			1	1	3
1	1	1	1	2	
1	1	1	1	2	
				5	
			1	4	
1				4	
1			1	3	

Sensor Mode		Frequency 50hz					
Mode	WDR 12FPS	Normal 25FPS	WDR 25FPS	DNR 25FPS	Normal 50FPS		
Video Format	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG	H.264	MJPEG	
Basic+	1920x1080 (12/6/4/2/1fps) ¹ 1280x720 (12/6/4/2/1fps) 960x544 (12/6/4/2/1fps) 800x600 (12/6/4/2/1fps) 800x480 (12/6/4/2/1fps) 704x400 (12/6/4/2/1fps) 640x480 (12/6/4/2/1fps) 640x360 (12/6/4/2/1fps) 480x360 (12/6/4/2/1fps) 320x240 (12/6/4/2/1fps)		1920x1080 (25/5/1fps) ¹ 1280x720 (25/5/1fps) 960x544 (25/5/1fps) 800x600 (25/5/1fps) 800x480 (25/5/1fps) 704x400 (25/5/1fps) 640x480 (25/5/1fps) 640x360 (25/5/1fps) 480x360 (25/5/1fps) 320x240 (25/5/1fps)			1280x720 (50/25/10/5/2/1fps) 960x544 (50/25/10/5/2/1fps) 800x600 (50/25/10/5/2/1fps) 800x480 (50/25/10/5/2/1fps) 704x400 (50/25/10/5/2/1fps) 640x480 (50/25/10/5/2/1fps) 640x360 (50/25/10/5/2/1fps) 480x360 (50/25/10/5/2/1fps) 320x240 (50/25/10/5/2/1fps)	1920x1080 (50/25/10/5/2/1fps) 1280x720 (50/25/10/5/2/1fps) 960x544 (50/25/10/5/2/1fps) 800x600 (50/25/10/5/2/1fps) 800x480 (50/25/10/5/2/1fps) 704x400 (50/25/10/5/2/1fps) 640x480 (50/25/10/5/2/1fps) 640x360 (50/25/10/5/2/1fps) 480x360 (50/25/10/5/2/1fps) 320x240 (50/25/10/5/2/1fps)

Sensor Mode		Frequency 60hz					
Mode	WDR 15FPS	Normal 30FPS	WDR 30FPS	DNR 30FPS	Normal 60FPS		
Video Format	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG	H.264	MJPEG	
Basic+	1920x1080 (15/5/3/1fps) ¹ 1280x720 (15/5/3/1fps) 960x544 (15/5/3/1fps) 800x600 (15/5/3/1fps) 800x480 (15/5/3/1fps) 704x400 (15/5/3/1fps) 640x480 (15/5/3/1fps) 640x360 (15/5/3/1fps) 480x360 (15/5/3/1fps) 320x240 (15/5/3/1fps)		1920x1080 (30/15/10/6/5/3/2/1fps) ¹ 1280x720 (30/15/10/6/5/3/2/1fps) 960x544 (30/15/10/6/5/3/2/1fps) 800x600 (30/15/10/6/5/3/2/1fps) 800x480 (30/15/10/6/5/3/2/1fps) 704x400 (30/15/10/6/5/3/2/1fps) 640x480 (30/15/10/6/5/3/2/1fps) 640x360 (30/15/10/6/5/3/2/1fps) 480x360 (30/15/10/6/5/3/2/1fps) 320x240 (30/15/10/6/5/3/2/1fps)			1280x720 (60/30/15/10/6/5/3/2/1fps) 960x544 (60/30/15/10/6/5/3/2/1fps) 800x600 (60/30/15/10/6/5/3/2/1fps) 800x480 (60/30/15/10/6/5/3/2/1fps) 704x400 (60/30/15/10/6/5/3/2/1fps) 640x480 (60/30/15/10/6/5/3/2/1fps) 640x360 (60/30/15/10/6/5/3/2/1fps) 480x360 (60/30/15/10/6/5/3/2/1fps) 320x240 (60/30/15/10/6/5/3/2/1fps)	1920x1080 (60/30/15/10/6/5/3/2/1fps) 1280x720 (60/30/15/10/6/5/3/2/1fps) 960x544 (60/30/15/10/6/5/3/2/1fps) 800x600 (60/30/15/10/6/5/3/2/1fps) 800x480 (60/30/15/10/6/5/3/2/1fps) 704x400 (60/30/15/10/6/5/3/2/1fps) 640x480 (60/30/15/10/6/5/3/2/1fps) 640x360 (60/30/15/10/6/5/3/2/1fps) 480x360 (60/30/15/10/6/5/3/2/1fps) 320x240 (60/30/15/10/6/5/3/2/1fps)

¹ nur MJPEG möglich / only MJPEG possible