

# LINE SCAN camera

**New** Cost - effective Series

**20 GiGE<sup>®</sup>**  
VISION

 4K NIR TDI



## HIGH PERFORMANCE AND EXCELLENT COST-EFFECTIVE

- Pioneering in 4K TDI NIR cameras
- ◇ Large pixels and high dynamic range.
- ◇ Resolution from 2K to 16K for various applications
- ◇ Support a variety of ISP and algorithms.
- ◇ Robust industrial housing design.
- ◇ Low power design with advanced thermal noise reduction

# Line Scan Camera

## ► GigE Industrial Line Scan Camera

Model	TDI	Resolution	Line Frequency		Interface	POE	Pixel Size	Mono/Color	Lens Interface
			Continuous Mode	Burst Mode					
iCap-MG2K2	/	2048×2	2.1K		GigE	Support	4µm	Mono	C
iCap-MG2K3T3 <sup>1</sup>	1/3 TDI	2048×3	60K	110K	GigE	Support	14µm	Mono	M42
iCap-CG2K3 <sup>1</sup>	/	2048×3	19K	55K	GigE	Not Support	7µm	Color	C
iCap-CG4K3 <sup>1</sup>	/	4096×3	10K	40K	GigE	Not Support	7µm	Color	M42
iCap-CG4K3P	/	4096×3	9.9K	40K	GigE	Support	7µm	Color	M42
iCap-CG4K3S	/	4096×3	9.9K	40K	GigE	Support	7µm	Color	M42
iCap-MG4K4T4	4TDI	4096×4	30K	110k	GigE	Not Support	7µm	Mono	M42
iCap-MG4K4T4S <sup>1</sup>	4TDI	4096×4	30K	120K	GigE	Support	7µm	Mono	M42
iCap-NG4K4T4	1/2/4 TDI	4096×4	30K	120K	GigE	Not Support	7µm	NIR	M42
iCap-NG4K4T4S <sup>1</sup>	1/2/4 TDI	4096×4	30K	120K	GigE	Support	7µm	NIR	M42

## ► 2.5GigE Industrial Line Scan Camera

Model	TDI	Resolution	Line Frequency		Interface	POE	Pixel Size	Mono/Color	Lens Interface
			Continuous Mode	Burst Mode					
iCap-CQTG4K3	/	4096×3	70K		2.5GigE	Not Support	7µm	Color	M42
iCap-MQTG4K4T4 <sup>1</sup>	4 TDI	4096×4	70K	160K	2.5GigE	Not Support	7µm	Mono	M42
iCap-CQTG8K3	/	8192×3	12.5K	24K	2.5GigE	Not Support	7µm	Color	M72
iCap-MQTG8K1 <sup>1</sup>	/	8192×1	37.5K	100K	2.5GigE	Not Support	7µm	Mono	M72

## ► 10GigE Industrial Line Scan Camera

Model	TDI	Resolution	Line Frequency	Interface	POE	Pixel Size	Mono/Color	Lens Interface
iCap-MTG8K1S <sup>1</sup>	/	8192×1	200K	Fiber Optic	Not Support	7µm	Mono	M72
iCap-MTG8K2T2 <sup>1</sup>	2 TDI	8192×2	141K	Fiber Optic	Not Support	7µm	Mono	M72
iCap-MTG8K2T2S	2 TDI	8192×2	100K	Fiber Optic	Not Support	7µm	Mono	M72
iCap-CTG8K3 <sup>1</sup>	/	8192×3	57K	Fiber Optic	Not Support	7µm	Color	M72
iCap-MTG8K4T4 <sup>1</sup>	1/4 TDI	8192×4	114K	Fiber Optic	Not Support	7µm	Mono	M72
iCap-CTG8K6T2 <sup>1</sup>	2 TDI	8192×6	37.5K	Fiber Optic	Not Support	7µm	Color	M72
iCap-CTG12K3 <sup>1</sup>	/	12288×3	31K	Fiber Optic	Not Support	5µm	Color	M72
iCap-MTG12K4T4 <sup>1</sup>	4 TDI	12288×4	94K	Fiber Optic	Not Support	5µm	Mono	M72
iCap-MTG16K1 <sup>1</sup>	/	16384×1	115K	Fiber Optic	Not Support	3.5µm	Mono	M72

Model	TDI	Resolution	Line Frequency		Interface	POE	Pixel Size	Mono/Color	Lens Interface
			Continuous Mode	Burst Mode					
iCap-MTG16K2T2 <sup>1</sup>	1/2 TDI	16384x2	71K	85K	Fiber Optic	Not Support	3.5µm	Mono	M72
iCap-MTG16K2T2S <sup>1</sup>	1/2 TDI	16384x2	57K		Fiber Optic	Not Support	3.5µm	Mono	M72
iCap-CTG16K2 <sup>1</sup>	/	16384x2	23K	33K	Fiber Optic	Not Support	3.5µm	Color	M72
iCap-CTG16K3S <sup>1</sup>	/	16384x3	23.6K	29K	Fiber Optic	Not Support	5µm	Color	M90
iCap-CTG16K2S <sup>1</sup>	/	16384x2	23K	33K	Fiber Optic	Not Support	3.5µm	Color	M72
iCap-CTG16K3 <sup>1</sup>	/	16384x3	23.7K	29K	Fiber Optic	Not Support	5µm	Color	M90

### ► 20GigE Industrial Line Scan Camera

Model	TDI	Resolution	Line Frequency	Interface	POE	Pixel Size	Mono/Color	Lens Interface
iCap-C2TG16K3	/	16384x3	40K	Fiber Optic	Not Support	5µm	Color	M90
iCap-M2TG16K4T4	1/2/4 TDI	16384x4	139K	Fiber Optic	Not Support	5µm	Mono	M90
iCap-C2TG16K6T4 <sup>1</sup>	3/2 TDI	16384x6	45K	Fiber Optic	Not Support	5µm	Color	M90
iCap-M2TG8K8T8	1/8 TDI	8192x8	150K	Fiber Optic	Not Support	5µm	Mono	M72

Note<sup>1</sup>: Supports Sequence Strobe Function



Website



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