

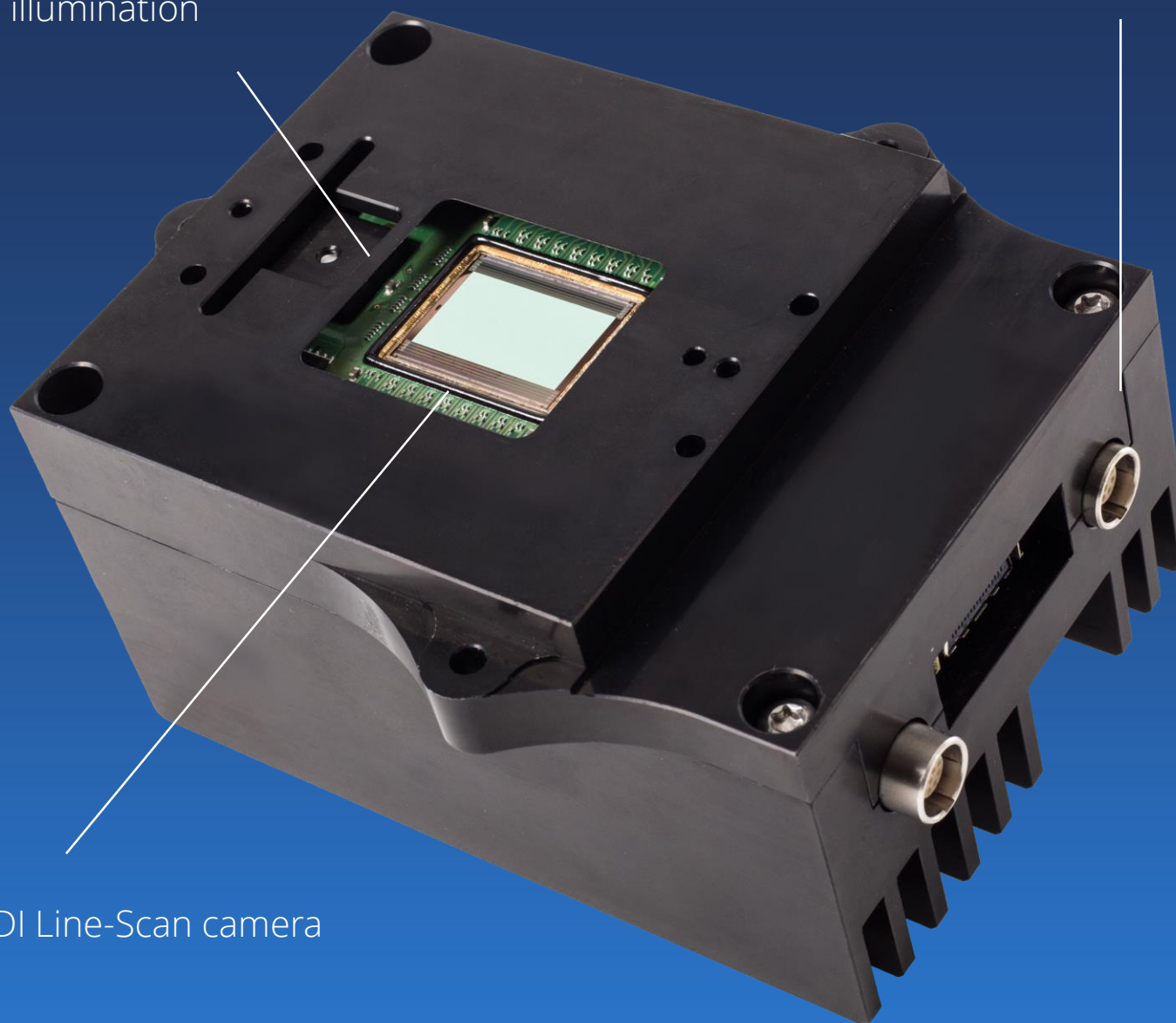
1 MHz TDI Line-Scan Camera

Quantum efficiency optimization possible for specific wavelengths

- Anti reflective coatings
- Backside illumination

Interfacing

- CoaXPress
- CLHS



256 stage TDI Line-Scan camera

Our high-speed high resolution TDI Camera are excellent solutions when it comes to semiconductor and FPD inspection.

To enable the next step in throughput for your application, we focus on high line-rate solutions that exceed available designs today. We work closely together with our network of sensor partners for seamless integration and optimal sensor performance. In this way, our line-scan cameras can improve the value for the end-user.

1 MHz TDI Line-Scan Camera

Specification	Unit	Value
QE @ UVC	%	>50%
QE @ VIS	%	>90%
QE @ NIR	%	TBD
Pixel size	μm^2	5 x 5*
Pixel line width	pixels	4k / 8k / 16k
TDI stages	#	256
Target line rate	MHz	1
ADC bits	bit	12
Read-out noise	e^-	< 3
Full well capacity	e^-	$\geq 10\ 000$
Dynamic range	dB	>60
Interface		CoaxPress

