D3 Embedded
CAMERA CATALOG

DESIGNCORE® SERIES	SENSOR	OFF-THE-SHELF OPTIONS	DESIGN AVAILABLE FOR CUSTOMIZATION	MAXIMUM RESOLUTION	SHUTTER	SPECTRUM	INTERFACES						SPECIAL FEATURES						LENSES AND LENS MOUNTS
							GMSL2	FPD-Link™ IV	MIPI A-PHY	MIPI CSI-2	FPD-Link™ III	V3 Link	High Dynamic Range (HDR)	Global Shutter	NIR Detection	Automotive Qualified	Internal ISP	Low-Light Sensitivity	
Discovery (Color HDR)	IMX390	PURCHASE ONLINE*	✓	2.1MP (Full-HD)	Rolling	RGGB Full Color	✓	✓	✓	✓	✓	✓	✓			✓			***500+ Lenses*** 7 - 180 degree Horizontal Field of View (HFOV) Options M12 - M20, C/CS Mount
	AR0233		✓	2.1MP (Full-HD)	Rolling	RGGB Full Color	✓	✓	✓	✓	✓	✓	✓			✓			
	IMX623		✓	2.8MP	Rolling	RGGB Full Color	✓	✓	✓	✓	✓	✓	✓			✓			
	ISX031	PURCHASE ONLINE*	✓	2.8MP	Rolling	RGGB Full Color	✓	✓	✓	✓	✓	✓	✓			✓	✓		
	IMX490		✓	5.1MP	Rolling	RGGB Full Color	✓	✓	✓	✓			✓			✓			
	IMX728	PURCHASE ONLINE*	✓	8.3MP (4K)	Rolling	RGGB Full Color	✓	✓	✓	✓			✓			✓			
	IMX678 [STARVIS 2]	PURCHASE ONLINE*	✓	8.3MP (4K)	Rolling	RGGB Full Color	✓	✓	✓	✓			✓					✓	
	AR0820		✓	8.3MP (4K)	Rolling	RGGB Full Color	✓	✓	✓	✓			✓			✓			
	AR0821		✓	8.3MP (4K)	Rolling	RGGB Full Color	✓	✓	✓	✓			✓						
	AR0823	AVAILABLE Q2 2025	✓	8.3MP (4K)	Rolling	RGGB Full Color	✓	✓	✓	✓			✓			✓			
Velocity (Color Global Shutter)	AR0234	PURCHASE ONLINE*	✓	2.1MP (Full-HD)	Global	RGGB Full Color	✓	✓	✓	✓	✓	✓		✓					
Chroma (NIR Enabled)	AR0234 [VIS-NIR]		✓	2.1MP (Full-HD)	Global	Monochrome Full Spectrum VIS-NIR	✓	✓	✓	✓	✓	✓		✓	✓				
	VG5761		✓	2.1MP (Full-HD)	Global	Monochrome Full Spectrum VIS-NIR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	VG1762		✓	2.1MP (Full-HD)	Global	RGB-IR Quad Channel	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	VB1940	AVAILABLE Q2 2025	✓	5.1MP	Global & Rolling	RGB-IR Quad Channel	✓	✓	✓	✓			✓	✓	✓	✓			
	IMX678 [STARVIS 2 Mono, NIR Enhanced]		✓	8.3MP (4K)	Rolling	RGGB Full Color	✓	✓	✓	✓			✓		✓			✓	
	AR0820 [VIS-NIR]		✓	8.3MP (4K)	Rolling	RCCB Partial Color NIR	✓	✓	✓	✓			✓		✓	✓			
	AR0821 [VIS-NIR]		✓	8.3MP (4K)	Rolling	RCCB Partial Color NIR	✓	✓	✓	✓			✓		✓				

Have a sensor in mind that is not listed? Our team can develop a custom design for you!

*Purchase online at www.d3embedded.com/product-category/camera-modules/

READY TO GET STARTED?

1

ROM ESTIMATION

Email **Sales@D3Embedded.com** to receive a Rough Order of Magnitude (ROM) estimate within 1 week.

2

FINAL PRICING

Final pricing subject to formal quote specific to your project.

Ask us about amortizing up-front costs over your pilot run (MOQ 100 units).

3

CUSTOM CAMERA DESIGN

Customized camera design with D3's U.S. team (hardware, driver, image science tuning).

4

LOW-VOLUME PRODUCTION

Low-volume production at D3's U.S. facility up to 10,000 units per year.

5

VOLUME MANUFACTURING

Transition to D3's approved volume manufacturing partners.