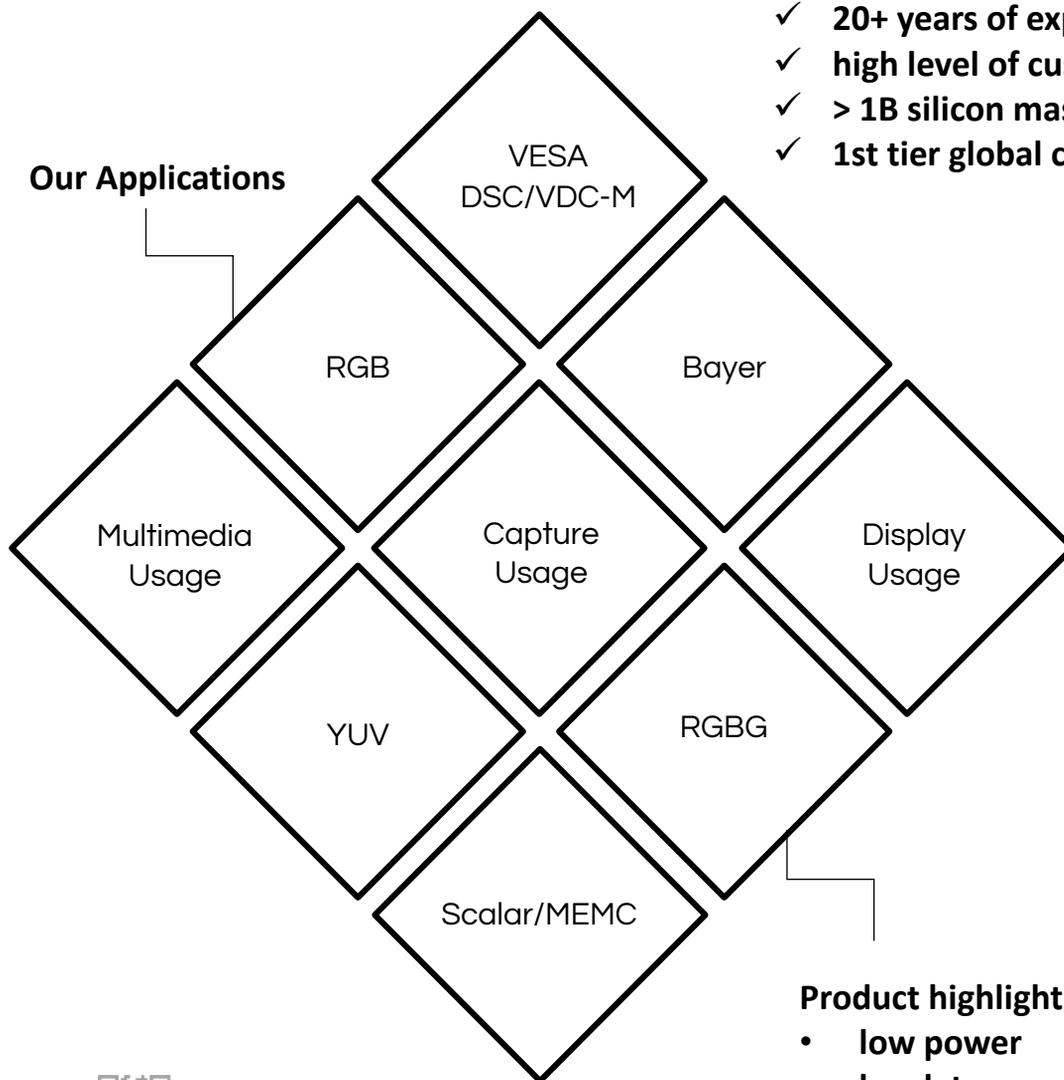


TITC

Image Compression IP specialist

- ✓ 20+ years of experience
- ✓ high level of customization
- ✓ > 1B silicon mass produced
- ✓ 1st tier global customers

Our Applications



Product highlight features:

- low power
- low latency
- small area



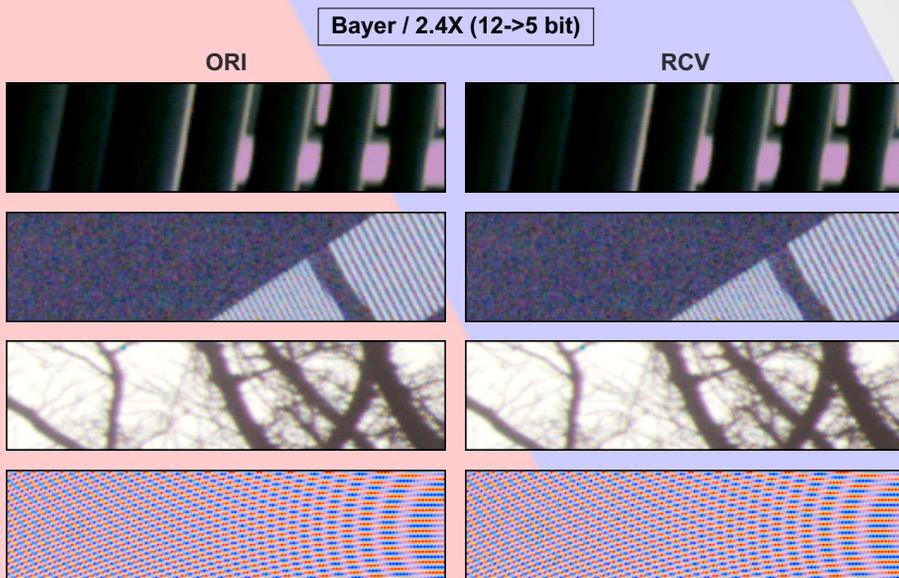
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TITC B-Series IP

Bayer for ISP

B-series IPs are collection of proprietary algorithm which are used for real-time compress/decompress Bayer image data. These IPs/algorithm are designed for front-end of ISP device, which facilitate temporal storage efficiency of Bayer image data. End products like ADAS, surveillance, action/meeting/mobile/professional cam may benefit from B-series IPs.

B-series IPs are featured by customized bitdepth/ratio support, reasonable hardware resources, friendly IP integration, and flexible access/store compressed bitstream. Feature support/algorithm are tailored for picture quality requirement and hardware budget via TITC engineer team.



➤ TITC B-Series IP

Usage / Series		capture / B-series
IP Name		ISP_Bayer v1
Data	Type	Bayer
	Bit-Depth	8~16-bit
Compression	Type	Lossy/Lossless
	Ratio(Lossy)	1.33~2.5X
	Unit	H64V1 / H32V2
Performance	Throughput	4-pix (per T)
Note		* lossy is major trend * compression unit can be customized

