

Specifications

Camera Support	Up to 16Mpix max resolution (4096 x 4096)
Image sensor support	RGGB, RCCC, RCCB, RCCG, RGBIr and RYYCyan Up to 4:1 HDR exposure combination
Multi-channel input support	Up to 4 real-time camera inputs Memory-to-memory processing mode for up to 16 virtual camera inputs
Performance	Up to 1.2 Gigapixels/second throughput

Related Products

Cortex-A78AE

With the flexibility to run different workloads concurrently and a 30 percent performance uplift compared to its predecessor, Cortex-A78AE offers the scalable, heterogeneous compute required for complex automated driving and industrial autonomous systems.

Mali-G78AE

Mali-G78AE is a highly scalable GPU that enables configurable workload separation and virtualization. Mali-G78AE is designed to the IEC 61508 and ISO 26262 safety standards for industrial and automotive applications respectively and is ASIL B SIL-2 safety-capable.

Safety Documentary Package

Arm's Safety Documentation Package for Mali-C71AE provides information for partners implementing safety related features. It includes comprehensive details on specific product safety features, verification and Failure Mode Effects & Diagnostic Analysis (FMEDA). The Safety Documentation package simplifies integration of the Mali-C71AE into in systems with ISO 26262 and IEC 61508 requirements.



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