













## AR0521

# CMOS 5.1 MP1/2.5"

AR0521 1/2.5 CMOS 2592 (H) × 1944 (V) T1/T2 ISP HDRAR0521

- 5 Mp at 60 fps for Excellent Video Performance
  - Small Optical Format (1/2.5-inch)
  - 1440p Mode for 16:9 Video
  - Superior Low-light Performance
  - 2.2 μm Back Side Illuminated Pixel Technology
  - Supports Line Interleaved T1/T2 Readout to Enable HDR Processing in ISP Chip
  - Support for External Mechanical Shutter
  - On-chip Phase-locked Loop (PLL) Oscillator
  - Integrated Color and Lens Shading Correction
  - Slave Mode for Precise Frame-rate Control
- For more features, see the data sheet

- Video Surveillance
- High Dynamic Range Imaging
- Security Camera
- Action camera
- Car DVR

	Pricing (\$/Unit)	Compliance	Status	Type	Megapixels	Frame Rate (fps)	Optical Format	Shutter Type	Pixel Size (µm)	Output Interface	Color	Package Type
AR0521SR2C09 SURAO-DP		 	Active	CMOS	5.1	60	1/2.5 inch	Electronic Rolling and Global Reset Release	2.2 x 2.2	Multi	RGB	PLCC-52
AR0521SR2C09 SURAO-DP1		 	Active	CMOS	5.1	60	1/2.5 inch	Electronic Rolling and Global Reset Release	2.2 x 2.2	Multi	RGB	PLCC-52
AR0521SR2C09 SURAO-DR		 	Active	CMOS	5.1	60	1/2.5 inch	Electronic Rolling and Global Reset Release	2.2 x 2.2	Multi	RGB	PLCC-52
AR0521SR2C09 SURAO-DR1		 	Active	CMOS	5.1	60	1/2.5 inch	Electronic Rolling and Global Reset Release	2.2 x 2.2	Multi	RGB	PLCC-52
AR0521SR2M09 SURAO-DP		 	Active	CMOS	5.1	60	1/2.5 inch	Electronic Rolling and Global Reset Release	2.2 x 2.2	Multi	Mono	PLCC-52
AR0521SR2M09 SURAO-DR		 	Active	CMOS	5.1	60	1/2.5 inch	Electronic Rolling and Global Reset Release	2.2 x 2.2	Multi	Mono	PLCC-52