

# Argon SDC 212C

Color Video Camera with Auto Iris Control

Argon SDC 212C cameras are fitted with 1/2" CCD sensors with a resolution of 752 x 582 pixels (PAL) or 768 x 494 pixels (NTSC). As an option, the sensors are also available with EXview HAD technology with higher sensitivity.

The cameras feature full video resolution, signal outputs S-Video (Y/C) and Video (composite), 12-bit digital signal processing and comprehensive signal processing functions such as Automatic Contrast Control (ACC/DRE) and histogram equalization. The line generator function offers fully adjustable reticles.



## Technical Data

Highlight	Rugged video camera	
Video Standard	PAL/NTSC	
Sensor interline transfer CCD	1/2" CCD (EXview version optional)	
Pixel (H x V)	752 x 582 (PAL) / 768 x 494 (NTSC)	
Sensitivity	Standard	0.3 lux at 14 dB, 0,075 lux at max. gain (High Sensitivity Mode 0.01875 lux at max. gain)
	EXview	0.2 lux at 14 dB, 0.05 lux at max. gain (High Sensitivity Mode 0.0125 lux at max. gain)
Dynamic range	> 50 dB	
System	FPGA: 12 bit, Controller 32 bit ARM7TDMI	
Resolution	440 lines (horizontal)	
Signal output / Interfaces	S-Video (Y/C), Video (composite)	
Exposure time	1/50s (PAL), 1/60s (NTSC) to 1/100 000s	
Gain	0 to 26 dB	
Adjustments	RS 232 (RS 422/485 available on request): AIT, AGC, gamma, white set, measurement window, automatic contrast control (ACC/DRE), edge enhancement, line generator, built-in test	
Firmware update	FPGA Firmware, Microcontroller Software	
Synchronization	intern/extern (composite sync.)	
Lens mount	C-Mount	
Connection	Kappa CSI, 4-pol socket for auto iris control (video)	
Power supply	9 - 36 V DC, > 3 W (lens with auto iris control according to the manufacturer specifications)	
Temperature	-20°C to +60°C	
Dimensions / Weight	50 x 50 x 63 mm (without connectors), 310 g	
Order-no.	961-3121(PAL) 961-3121N (NTSC)	
Equipment / Options	PC Software camera control KDC-A, USB connection	

We are constantly checking the accuracy of the technical data. We are prepared to provide more detailed information on request. Technical data are subject to change without notice!

ryf ag  
  
 Ryf AG  
 Bettlachstrasse 2  
 2540 Grenchen  
 tel 032 654 21 00  
 fax 032 654 21 09  
 www.ryfag.ch

realize visions .