



FAC 858 I, FA 857 I

digital CCD-camera

Night vision mode
in real time

Ticker camera

Back focus

Triple day/night
mode

-25°C up to +55°C

1/2" CCD

Highlights:

- real time night vision mode (ALL) (ALL=automatic low light)
- triple day/night mode with patented wear-free universal filter (colour, b/w, IR)
- ticker checks whether a live image is displayed
- advanced video detection
- cross wire masking
- integrated video memory for increased photosensitivity, max. 15 additional images, sequential pretrigger recording
- comparison between stored and live image
- electronic back focus adjustment with 2 memory positions
- wide range of supply voltage
- galvanic isolation between power supply, video GND and casing
- line mirror and image rotation
- 3 user memories for customized configurations plus 1 internal storage for factory setting

DESIGNED FOR
high-end solutions

FAC 858 I, FA 857 I

Technical data	FAC 858 I colour indoor		FA 857 I b/w indoor	
Video specification				
Sensor:	1/2" interline, hyper-HAD			
Pixel total:	470000 = 795 (H) x 596 (V)			
Pixel effective:	440000 = 752 (H) x 582 (V)			
Line resolution:	Line resolution 625 lines, 50 Hz			
Sampling rate:	Sampling rate CCIR with line interlace			
Horizontal resolution:	480 lines		580 lines	
Spectral range:	400 nm ... 650 nm		400 nm ... 1000 nm	
Camera photosensitivity LSS, ALL off Lens: 1:0.95 Colour temperature: 5500 K	100 % level:	0.45 lx	100 % level:	0.25 lx
	50 % level:	0.2 lx	50 % level:	0.13 lx
	25 % level:	0.1 lx	25 % level:	0.08 lx
Camera photosensitivity LSS: 4 HB, ALL: 2 (standard setting)	100 % level:	0.025 lx	100 % level:	0.015 lx
	50 % level:	0.015 lx	50 % level:	0.008 lx
	25 % level:	0.007 lx	25 % level:	0.005 lx
Shutter:	1/100000 - 10 s			
Max. scene lighting:	100000 lx during shutter operation			
Electrical data				
Video output:	[C]VBS, coax, 2-wire 1 Vpp/75 Ω sym. + [C]VBS, 1 Vpp/75 Ω sym. - [C]VBS, 1 Vpp/75 Ω Y/C (only FAC 858), 1 Vpp/75 Ω			
Supply voltage:	10...32 V DC, galvanic isolation between supply voltage and ground			
Power consumption:	6 W			
General data				
Output video:	BNC, D-Sub, system plug			
Remote control interface:	system plug			
Lens connector:	C-/CS mount, integrated 4-pole lens plug for the iris			
Protection class:	IP32			
Storage temperature:	-40 °C ... +70 °C			
Operating temperature:	-25 °C ... +55 °C			
Weight:	0.6 kg			
Weight including packing:	1.1 kg			
Dimensions (L x W x H):	186.5 x 71.5 x 60 (L x W x H)			
Packing dimensions (L x W x H):	308 x 158 x 116 (L x W x H)			
Item code				
FAC 858 I	Indoor colour camera	943042120100		
FAC 858 I-IR	IR indoor colour camera	943042120400		
FA 857 I	Indoor b/w camera	943042110100		
FA 857 I-IR	IR indoor b/w camera	943042110400		
FAC 858 I-S	Indoor colour camera, security	943042120200		
FAC 858 I-HS	Indoor colour camera, high security	943042120300		