

FXCAMd 102c technical sheet

B&W smart camera for ITS traffic and access control systems

Model number

102c

CAMERA

Sensor Size (H x V pixels)	752 x 480
Sensor	B&W, Progressive scan CMOS
Optical Size	1 / 3"
Pixel Size (in μm)	6.0 x 6.0
Max Frame Rate (at full resolution)	60 frames/sec
Video output format	RAW, 8 bit grayscale
Exposure Control	Global shutter, software adjustable 1 / 100..1 / 30000 s
Communication interface	RJ45
Internal memory	For 60 full frames
Light sensor	Included, Adjustable for switching day/night mode
Filter	IR pass filter included (720 nm -)

LENS

Lens type	6-36mm varifocal, Motorized
Iris, Focus, Zoom	Remote control focus, iris, zoom

ILLUMINATION

Type	Array of high quality LEDs, Controlled and synchronised flash
Wavelength	850 nm
Intensity	4 preconfigured modes (Low, Normal, High, Ultra)
Flash time	Software adjustable, up to 950 μs
Illumination range	Up to 20 m

MECHANICAL/ELECTRONICAL

Power requirement	Isolated 24-28V AC or 30-36V DC input (50-60Hz)
Power consumption	17-48W (28V AC) depending on heating ON/OFF
Dimensions (L x W x H) w/o sunshield including sunshield	168 mm x 125 mm x 145 mm 290 mm x 218 mm x 155 mm
Weight	Camera: 4.47 kg, Sunshield: 1.0 kg, Bracket: 0.6 kg
Conformity	CE, RoHS
IP rating	IP 67
Housing Color	RAL 9007 (Other colors are available upon request)
Temperature range	-20 °C to +55 °C (extra heating available)
I/O ports	Opto in * <input checked="" type="checkbox"/> Serial RS232/S <input checked="" type="checkbox"/>

* Opto isolated input for trigger-in, 5..12 VDC

SOFTWARE

Supported platform	Linux and Windows
SDK	C, C++, C#, VB.NET, Java, OCX
Add-on features	Configurator, Management tool for multiple cameras Auto brightness control designed for license plate recognition, Automatic day-night mode switch, Autofocus Built-in motion detection

PC

CPU	1.6 GHz Intel Atom CPU
Storage	2 GB SSD memory (At least 1 GB free memory for user data)
Memory	1 GB DDR II
Network	Gigabit ethernet card, Web-server for smooth communication
Operating system	

BRACKET

Dimensions (L x W x H)	204 mm x 80 mm x 120 mm
Weight	0.6 kg

Technical specifications are subject to change without prior notice



ARH Inc.

H-1126 Budapest, Királyhágó tér 8-9. Hungary
Phone: +36 1 201 9650 • Fax: +36 1 201 9651
www.arhungary.hu • E-mail: moreinfo@arhungary.hu

