

The ExCam XI410 - Thermal Camera with Motor Focus and Infrared-Thermometer











ExCam XI410
in stainless steel housing

ExCam XI410

The **ExCam XI410** is a powerful **thermographic** camera with an integrated **infrared thermometer** and **motor focus** for use in potentially explosive areas. It delivers excellent infrared images (384x240p) of measuring objects in a temperature range from -20°C to 900°C. In addition, the thermal imaging camera has extensive analysis functions (e.g. thermal analysis with **hot and cold spots**). The Excam XI410 can not only see where it is hot, it can also measure the temperature exactly.

Group II (Gas & Dust)	ATEX / IECEx / EAC-Ex					Group I (Mining)	ATEX / IECEx...	
Zone	0	1	2	21	22	Category	Ma	Mb
Application	✗	✓	✓	✓	✓	Application	✗	✗

Product / Model	Description	
ExCam XI410 T08-VA0.4.K1.GER-N.N-005.N-P 	      	Thermal camera in stainless steel housing in accordance with Directive 2014/34/EU (ATEX), IECEx and EAC-Ex. Power supply: 10-30V DC; Power consumption: max. 2.5 W Uncooled microbolometer, spectral range 8 µm to 14 µm Temperature range: -20°C to 100°C, 0°C to 250°C, 450°C to 900°C Thermal sensitivity: 80 mK Optic: 18°, 29°, 53° (standard) or 80° Optical resolution: 384 x 240p Explosion protection (gas): Ex II 2G Ex db IIC T6 Gb Explosion protection (dust): Ex II 2D Ex tb IIIC T80°C Db Protection level: IP 66/68 (IEC / EN 60529) Ambient temperature: -10°C < T _{amb} < +50°C www.samcon.eu/en/products/network/excam-xi410 Product group: A, tariff number: 9025 1900
ExCam XI410 T08-VA0.4.K1.GER-N.N-005.N-T		Thermal camera with terminal box termination Included accessories: 5 m cable pre-mounted and pre-wired to an ex-e terminal box (see Ex-TB3) Product group: A, tariff number: 9025 1900
PIF Industrial Process Interface 		High performance extension for the analog and digital alarm in- and outputs to allow 3 additional in- and outputs of each, without cable for aligned mount of up to 3 PIFs in connecting box IP65, for applications in safe areas, 500 VACeff isolation voltage between camera and process Analog outputs: 3x 0/4...20mA or 0...10V Digital outputs: 3x relays max. 30V/ 400mA Analog or digital inputs: 3x 0...10V or 24V Fail-safe-output: 1x relay max. 30V/ 400mA Power supply: 24VDC Ambient temperature: -30°C...+85°C Product group: C, tariff number: 9025 9000
A wide range of mounting accessories...	can be found on #page 42!

You cannot find a suitable ex-proof camera or you want a certain camera modul, upon request we build your desired ExCam (**BTO**). Please ask us and visit our homepage www.samcon.eu/en/products/bto/