



ELBCam 1

ELBCam 1, the world's smallest digital camera for Zone 1 and 2 hazardous area applications. Carry it in your pocket, lightweight and very compact. Need a picture, be safe the ELBCam 1 has the right image !

Substitute your handwritten notes by a single click: contents of parcels, wiring of components, course of production and much more!

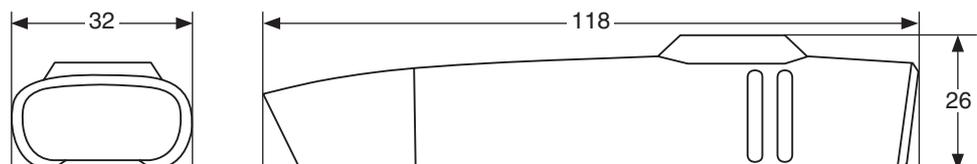
The image resolution of 2 Mega-Pixel is better than the one of your 19" TFT-monitor. Through it's small dimension and the little weight it is possible to use ELBCam 1 anywhere. Optical instead of acoustic indicators make the ELBCam 1 useful for noisy industry environments.

- Certified to be used in hazardous areas classified as Zone 1 and 2.
- Lightweight and compact design enables you to use ELBCam 1 anytime, anywhere. Outstanding by easy handling.
- ½ inch CMOS light sensitive image sensor for taking pictures even in dark ambient.
- 2 elements optical view finder and fixed focus lens, glass, F= 3,0/f=8.47.
- Infinite focus distance and macro mode (15 – 30 cm) for detailed images.
- 128 MB Capacity will store up to 200 pictures with data retention for at least 10 years.
- "Hot plug & play", ELBCam 1 plugs directly into the USB port of any PC, for fast and simple sharing, transfers and backup of your photos.
- No drivers needed. For older operating systems like Windows 98/98SE a driver is included on CD.
- ELBCam 1 even does double-duty as a flash drive for extra versatility.

Technical Data ELBCam 1

Characteristic	Small, favourable digital camera for Ex area	
Ex protection	Use	Ex zone 1 and 2
	Ex protection	II 2 G Ex ia IICT4
	Certification	IBExU 06 ATEX 1021
	EN standard	EN 60079-0:2004 and E IEC 60079-11:2004
	Permissible ambient temperature	-20°C...+50°C
Storage	Capacities	128 MB (> 200 pictures)
Camera	Image Resolution	2.0 Mega-Pixel (1600 x 1200)
	Image Sensor	½" CMOS
	Optical Lens	Fixed focus, glass, F=3.0, f=8.47
	View-finder	2 elements optical view finder
	Focus distance	normal: 100 cm to infinite macro: 15 cm...30 cm
Power	Battery	Two AAA Alkaline (included)
	Power source	No external power is required DC 4.5V...5.5V from USB port
USB specification	Revision	USB 1.1 or USB 2.0
	Transfer rate	Read 800 KB/s Write 600 KB/s
	Hot plug & play	
Drivers	No drivers needed for	Windows ME/2000/XP, Mac OS 9.x or above
	Driver available for	Windows 98/98SE (included)
Technical specification	Dimension	118 x 32 x 26 mm
	Weight	50 g (not including battery and protection bag)
	Material	ABS silver/black
	Status Indicator	2 LED (red and blue) Optical instead of acoustic indicator for noisy industry environments
	Data retention	at least 10 years
Delivery	USB Photo camera, protection bag, carrier bag, drivers for Windows 98 on CD, Manual, USB extension lead, 2x AAA Alkaline, carrier loop.	

Dimensions [mm]:



Order information	Ex i USB- camera	Order no. ELBCam 1
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