



# iCAM500

## Intrinsically Safe Digital Stills Camera

The iCAM 500 is an intrinsically safe digital stills camera certified for use in almost all surface industries such as Chemical & Pharmaceutical plants, Oil & Gas production platforms and Refineries. The iCAM 500 is perfect for taking picture records of installation and maintenance inspection for plant equipment to comply with regulatory requirements such as those prescribed by the ATEX directive. It is also perfect for use in site surveys to refer to when making offers or proposals or reporting incidents or accidents pictorially.



The iCAM 500 is supplied with a protective leather case, neck strap, case with belt clip and 2 AAA alkaline batteries. Taking pictures is very easy and offloading to a PC just requires plugging into a USB port where the iCAM 500 appears as a new drive. The camera can also be used as a USB memory stick and is certified for connection to any PC.

COMPONENT	iCAM500
CERTIFICATION NUMBER	IBExU 06ATEX1044
WEIGHT	Approx 50g (1.77oz) not including batteries
CERTIFICATION TYPE	II 2 G EEx ia IIC T4
DIMENSIONS	118mm x 32mm x 22mm (4.65" x 1.26" x 0.87")
AMBIENT TEMPERATURE	-5°C to +55°C (+23°F to +131°F)
IP RATING	IP20
IMAGE	2.0 Mega-Pixel (1600 x 1200 resolution)
OPTICAL LENSE	Fixed focus, glass, F=3.0 & 8.47
FOCAL DISTANCE	100 cm to infinity and 15 cm to 30 cm macro
VIEW FINDER	Two element optical view finder
COMPLIANCE	EMC: EN 55022 1998 class B, EN 55024 1999 LV; EN 60950, EN 60825-1 (Laser) ATEX: EN 60079-0 2004, EN 60079-11 2004
HOUSING	UV resistant Ex Antistatic Polycarbonate
POWER	2 x Alkaline AAA batteries, refer to Ex Certificate for details on range of approved batteries
RELATIVE HUMIDITY	0 to 90%, non condensing

“Making a Visible Difference”