

Data Sheet

# CORDEX TOUGHPIX EXTREME



Supplied by

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# CorDEX

## ToughPIX *EXTREME*



INTRINSICALLY SAFE DIGITAL CAMERA

RUGGED **AUTHORITY**

[www.cord-ex.com](http://www.cord-ex.com)

# ToughPIX EXTREME

REAR



JOYSTICK NAVIGATION

ADJUSTABLE BACKLIT  
LCD DISPLAY

TOP



SHOOT

POWER

BOTTOM



TRIPOD  
MOUNT

BATTERY &  
SD CARD BAY

FRONT



ALUMINIUM BODY

ULTRA-BRIGHT LED FLASH

INTRINSICALLY  
SECURE WIFI

WRIST STRAP

5MP  
SENSOR



## INTRINSICALLY SECURE

If your facility requires an intrinsically safe digital camera, then it stands to reason that your process is, at best, volatile. In such explosive areas, a device must obviously be safe to use, but it must also maintain the security and integrity of your facility. Devices such as phones and tablets which are constantly connected to the internet raise serious security concerns as a result of their ability to transmit hard won intellectual property or potential security weaknesses directly from site with no restrictions. Downloadable, insecure apps can also cause concerns due to third party malware damaging either your plant network infrastructure or potentially even causing catastrophic overloads within the device itself rendering it unsafe.

ToughPIX EXTREME protects your people and your facility by being both *Intrinsically Safe* and *Intrinsically Secure*. Your mission critical images are captured and stored onto a removable SD card for download in the safe area, ToughPIX EXTREME can also create a secure wifi hotspot for image transfer to a single nominated device.

Running its in-house firmware protected by industry standard encryption technology, ToughPIX EXTREME represents a truly secure “locked down” intrinsically secure digital camera that is virtually impervious to hacking.

With *intrinsic safety* coupled with *intrinsic security*, ToughPIX EXTREME is the ultimate image capture tool for today's security conscious hazardous (explosive) area.



## UNLIMITED RUNTIME

Why should your job wait for your tool to recharge? Answer; It should not, but when using devices with built in batteries that's exactly what happens. An intrinsically safe camera is an expensive tool representing a significant investment, do not let a camera with a fixed, built in battery increase the time take to return your investment.

ToughPIX EXTREME has a removable rechargeable battery pack which means that the camera will keep running virtually without limits. Once the battery is depleted, simply insert a fresh pack and keep working letting the desktop charger provided take care of recharging your spare.



## ULTRA-RUGGED AND ULTRA-RELIABLE

ToughPIX EXTREME is designed for harsh environments. It is impact resistant, drop proof, dust proof, corrosion proof and holds an Ingress Protection (IP) rating IP54 to EN60529. Like its flameproof (Exd) predecessors, the ToughPIX EXTREME uses a tough, all aluminium case with reinforced glass screen making it worthy of the phrase ultra-rugged.

With a simple user interface comprising two buttons and a joystick, ToughPIX EXTREME does not rely on delicate touchscreens which can be affected by gloves and dirt. The simple to navigate menu structure caters for either a fast “point and shoot” need or a more detailed adjustment of camera parameters for that perfect image.

# EXTREME

INTRINSICALLY SAFE DIGITAL CAMERA

# ToughPIX EXTREME

INTRINSICALLY SAFE DIGITAL CAMERA



## CERTIFICATIONS

ATEX marking	II 2 G, Ex ib op is IIC T4 Gb, Ta -10°C to +40°C
ATEX certificate	ExVeritas 17 ATEX 0277 X
IECEX marking	Ex ib op is IIC T4 Gb
IECEX certificate	IECEX EXV 17.0013X
Ingress protection	IP54

## IMAGING PERFORMANCE

Resolution	5MP
Image type	JPEG
Flash	Ultrabright, Ex-supercapacitor charged LED
Focus	Automatic
Exposure	Automatic with 'closeup' mode
Movie capable	YES
Resolution	1028x1024
Frame rate	5hz

## GENERAL

Image download	Intrinsically Secure
Image storage	4Gb SD card
Body material	Aluminum
Weight	380g
Operating range	-10°C to +40°C
Storage	-20°C to +60°C

## ELECTRICAL

Battery type	Removable, rechargeable (safe area)
Capacity	2000mAh
Chemistry	Li-Ion

## AVAILABLE FROM:

## CorDEX

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