ATEX and IECEx certified compact digital and thermal imaging camera, the TOUGHPIX DIGITHERM. Professional features in a pocket sized package.

**FEATURES**

- ATEX/IECEx certified for Ex II 2G, Ex ib op is IIC T4 Gb Ta = -10°C to +40°C Areas zones 1 and 2. Temperature classification: T4
- Adaptive thermal blending
- Powerful LED flash for low light imaging
- 5 megapixel digital camera with automatic motorized focus
- 4GB removable CorDEX memory card
- Manufactured from lightweight aircraft grade aluminium weighing in at only 380grams
- Using CorDEX Enhanced Measurement Algorithms, measure from - 10c to + 380c with accuracy up to 2% or 2 degrees

Compact enough to fit into any work pocket but rugged enough to take the hits, TOUGHPIX DIGITHERM is a go-anywhere camera providing the power and resilience to get the job done. Every time.

The TOUGHPIX DIGITHERM is a ruggedized, compact, high resolution digital imaging camera capable of capturing true 5MP visual images along with fully radiometric thermal images making this camera your go-to tool for fault finding, documentation whether your work is HVAC, building envelope inspections, electrical repair or facility maintenance.

The TOUGHPIX DIGITHERM is fully Certified with its ATEX and IECEx certification ensuring it can go safely in to hazardous areas. TOUGHPIX DIGITHERM IS RUGGED AND TOUGH! TOUGHPIX DIGITHERM is also available in a non-intrinsically safe version.

Rugged, powerful and with ground-breaking affordability, TOUGHPIX DIGITHERM sets the standard with compact digital imaging cameras. With must-have features including: Megapixel visual camera, LED flash, realtime visual/thermal image blending, wireless connectivity, TOUGHPIX DIGITHERM brings a new dimension to the task of finding, documenting and sharing problems.

TOUGHPIX DIGITHERM next generation combination of high resolution 5MP visual sensor, automatic motorised focus plus large depth of field means that the need for a separate macro-mode (a must for low resolution, fixed focus cameras) isn’t required. TOUGHPIX DIGITHERM has the ability to resolve images as close as 5cm away with crystal clear detail for targets approaching 1mm square. No macro mode switches plus realtime review of images there and then to ensure you get the detail you need without having to return at a later date. Just point the camera, let it focus, check the image on the full colour display and hit shoot, let the TOUGHPIX DIGITHERM do the work.

Every single component in TOUGHPIX DIGITHERM has been selected with one goal in mind — quality that’s built to last. From being frozen to -20C and dropped from a metre, to being blasted with water and dirt as part of industry leading Ingress Protection testing, TOUGHPIX DIGITHERM has been pushed to extremes.

CorDEX reserve the right to make changes to the instrument at anytime and without notice.
### General Information
- **Image download**: WIFI & removable memory card (safe area only)
- **Image storage**: 4GB (Upgradable to 16GB)
- **Body material**: Anodised aluminium with polymeric materials
- **Lens & LCD material**: Armoured Glass
- **Weight**: 380g
- **IP rating**: 54
- **Operating range**: -10°C to 40°C
- **Storage**: -20°C to 80°C
- **Ambient temperature**: -10°C to +40°C

### Electrical information
- **Battery type**: Removable & rechargeable
- **Capacity**: 1900mAh
- **Cell type**: Lion

### Thermal radiometric capability
- **Sensor**: 80x60 pixel array
- **Imaging**: Adaptive thermal blending for dual mode imaging
- **Low range**: -10°C to +140°C with +/-2°C or +/-2% accuracy
- **High range**: -10°C to +380°C with +/-5°C or +/-5% accuracy

### Visual capability
- **Standard image capture**: 5 megapixel
- **Additional features**: Auto-focus, auto exposure, powerful flash LED
- **Screen size**: 2.8 inches

### Certificate Information (for IS version)
- **ATEX / IECEx Certificate No.**: ExVeritas 17 ATEX 0277 X / IECEx EXV 17.0013X
- **ATEX / IECEx Certificate Type**: Ex II 2G / Ex ib op is IIC T4 Gb

*Non-IS version available

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**FOR PRODUCT INFORMATION AND TO PLACE AN ORDER CONTACT:**

**TEL**: +44 (0) 1642 454373
**TEL USA**: 1 877 836 0764
**EMAIL**: SALES@CORD-EX.COM
**WEB**: WWW.CORD-EX.COM

**CORDEX INSTRUMENTS LTD.**
**UNIT 1 OWEN'S ROAD**
**SKIPPER'S LANE**
**INDUSTRIAL ESTATE**
**MIDDLESBROUGH**
**TS6 6HE**

**Infrared vision with a super sensitive 80x60 thermal sensor array, as standard**

**Removable 4Gb memory card and USB card reader**

**Onboard bright white LED illumination. With flash and torch mode, TOUGHPIX DIGITHERM has you covered, every time**

**Onboard wireless link allows you to connect and download images directly to your PC or wireless enabled smartphone via the CorDEX Mobile App for Android and iOS**