CorDEX

TOUGHPIX DIGITHERM

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

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: 5megapixel 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

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

General Information

Image download	WIFI & removable memory card (safe area only)
Image storage	4GB
Body material	Anodised aluminium with polymeric materials
Lens & LCD material	Armoured Glass
Weight	380g
IP rating	54
Operating range	-10C to 40C
Storage	-20C to 60C
Ambient temperature	-10C to +40C

Electrical information

Battery type	Removable & rechargeable
Capacity	1900mAhr
Cell type	Lion

Thermal radiometric capability

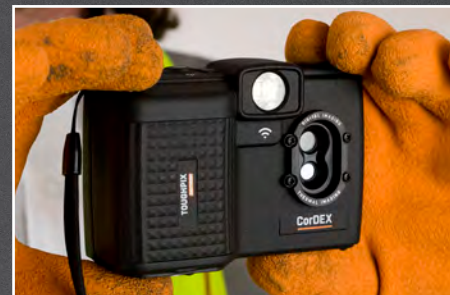|	
Sensor	80x60 pixel array
Imaging	Adaptive thermal blending for dual mode imaging
Low range	-10C to +140C with +/-2C or +/-2% accuracy
High range	-10C to +380C with +/-5C or +/-5% accuracy

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

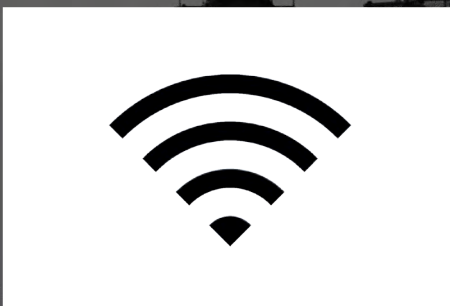
Compact and rugged weighing only 380grams

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