TECHNICAL DATASHEET

X-SERIES THERMAL IMAGER
POWERED BY ISG TECHNOLOGY

PHYSICAL CHARACTERISTICS	
Dimensions (L x W x H):	130 mm x 115 mm x 225 mm
Weight (excl. battery):	980g (Relates to 3 button with DVR) Slight variations on this weight are dependent on model configuration.
Shell Material:	High-heat Thermoplastic Radel
Shell Color:	Black
Bumper Material:	Silicone rubber
IR Protection Window:	Germanium
Display Technology:	LCD
Display Size (diagonal):	90mm
Display Viewing Angle:	50˚ (left/right), 15˚ (up), 35˚ (down)
Luminance:	250 cd / m^2
Water Resistant:	IP67, submerged at 1m for 30 minutes
Shock Resistant:	Impact test at 2 m (any orientation)

PERFORMANCE CHARACTERISTICS	
Approvals	NFPA 1801 Compliant (X380N only)
Detector Format:	384 x 288 pixels
Detector Material:	Amorphous Silicon
Displayed Resolution:	110,592 pixels
Scene Update Rate:	5,529,600 elements per second
Spectral Response:	8 µm to 14 µm
Sensitivity (nominal):	<50 mK
Dynamic Range:	-40˚C to 1000˚C
Focus Range:	1.0 m to ∞
Field of View:	54˚ (diagonal)
Modes of Operation:	Three
Operating Duration:	20 mins @ 120˚C, 8 mins @ 260˚C
Operating Temperature:	-35˚C to ~450˚C (limited exposure)
DTM Range:	-40˚C to 1000˚C
DTM Accuracy:	+/- 5˚C @ <100˚C, +/- 10% @ >100˚C

SCOTT SAFETY

TECHNICAL DATASHEET

POWER CHARACTERISTICS	
Battery Technology:	Li-Ion
Battery Weight:	200g
Operating Time:	>3.5 hours (nominal)
Recharge Time:	<2.5 hours (nominal)
Recharge Cycles:	1000+

SERVICE PACKAGES	
Standard Warranty	2 years
Extended Warranty Options	1, 2 or 3 years
Warranty Turnaround:	48 hours

OPERATIONAL CHARACTERISTICS	
Start-up Time:	< 10 seconds
Image Optimisation:	Automatic
Colorisation:	Transparent Colorisation
Laser Pointer:	Class IIIa
Video Recording:	On-Demand DVR is available on the X380 5 button camera only. A constant record DVR option is available in the x380 3 button camera
Dynamic Temperature Measurement	Hot & Cold Spot Tracker
Zoom:	2X and 4X Zoom
Image Freeze:	Installed as standard on the X380 5 button camera only. Image Freeze is not available on the X380N or X380 3 button camera
Image Capture (Snapshot):	Installed as standard on the X380 5 button camera only. Image Capture (Snapshot) Runs when On-Demand DVR is off.

CORE FUNCTIONS	
Intelligent Focus	Standard
Tactical Colour	Standard
1000+ Mode	Standard
CORE ENHANCEMENTS	
2X / 4X Zoom	Standard
Hot Spot Tracker	Standard
Cold Spot Tracker	Standard

Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.

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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.