



The Impact X is an intrinsically safe smartphone that has been designed for use in a potentially explosive atmosphere. The tough, waterproof and light aluminium enclosure makes it a versatile smartphone. It also has double the battery life (3000 mAh), can be operated while wearing gloves, and the display can be read in direct sunlight. The Impact X comes with FlipScope™, a novel application which always records videos correctly, irrespective of which way the camera is held. This is because the Impact X automatically switches to a second camera that is at a 90° angle to the standard camera. This means you can record in landscape mode using one hand, leaving the other hand free. The SIPIDO telepresence app is also included, enabling the user to stream live HD videos wherever needed. In this way it is possible to include users in the field in video conferences. The Impact X runs on the Android OS. Android is currently the leading operating system for mobile devices. Android guarantees access to the most diverse media with intuitive navigation. The operating system is fast, well-known and can be customised. It is easily updated to new versions.

**Explosion protection**

Marking ATEX	Ex II 2G Ex ib op is IIC T4 Gb
Certification	Sira 13ATEX5134X
Marking IECEx	Ex ib op is IIC T4 Gb
Certification	SIR 13.0047 X
Marking CSA	Class I, Ex ib IIC T4 Gb Class I, AEx ib IIC T4 Gb
Certification	CSA file: 70009910

**Technical data**

Temperature range	
Operating temperature	-20 °C to +45 °C
Storage temperature	-40 °C to +60 °C
Video and imaging	
Video quality	Full HD video (1080p, 30 fps)
Resolution	8 megapixel stills
Image capture	Dedicated camera button
Video codecs	H.264/AVC
Zoom	4 x
Memory	32 GB

Robust design	
Impact	Impact-resistant to 2 joules
Drop	Drop-resistant to 2 metres
Protection class	Waterproof (IP 68)
Enclosure	Made from one piece of aluminium
Connections	Covered USB port
Screen	2 mm Gorilla Glass
Audio	
Microphone	Digital omnidirectional microphone
Audio	Full duplex audio communication
Video recording	Stereo microphones on back
Headset	Handsfree support
Wireless headset	Bluetooth audio headset support
Handsfree	Integrated mic and speaker
Audio codec	CD quality AAC LD
Sound quality	Echo cancellation
Audio out	Standard 3.5 mm connection
Sensors	
Orientation	3 axis gyroscope
Positioning	Global Positioning System (GPS)
Acceleration	Accelerometer
Navigation	Compass
Temperature	Sensor
Pressure	Sensor
Power supply	
Battery	3000 mAh
Talk time	8 h
Video recording	4 h full operating time
Scope of delivery	
Charger	USB
Warranty	1 year hardware warranty
User Manual	Quick guide
USB cable	USB cable for charging and data transfer
Software updates	Available using Collaborate Suite
Packaging	With customised foam inlays



Size and weight	
Size	150 mm x 65 mm x 12 mm
Weight	290 g (10 oz)
Display and touchscreen	
Screen size	4.3" Retina display
Resolution	480 x 800 pixels
Brightness	Display can be read in direct sunlight
Touchscreen	Suitable for use when wearing gloves
Glass	Gorilla Glass (IP 68)
Buttons	On/Off, Volume, Camera, Android
Applications	
HD Video conference	SIPIDO
Management Solution	Collaboration Suite
Browser	HTML5 with full range of features
Document display	PDF and Office documents
ERP	Compatible with ERP systems
Apps	Google Play, Dropbox™, Picasa™, Flickr™
Ergonomics	
Image capture	Flipscape™: Take videos using one hand
Dirt protection	Anti smudge recess for camera glass and screen
Touchscreen	Suitable for use when wearing gloves, moisture resistant
Shape factor	User-friendly due to ergonomic design
Fall protection	Strap for ergonomic operation

Network functions	
Wi-Fi	802.11 a/b/g/n (2.4 GHz & 5 GHz)
Cellular	4G/HSPA+ (CDMA available)
Bluetooth	Bluetooth 4.0
Video Conferencing	Skype, SIP, H.323
Streaming	ISMA, RTSP, HTML5, WebRTC
Network	Firewall traversal technology STUN server support
Bandwidth	Dynamic Bandwidth Control
QoS	Diffserv, IP precedence (QoS)
Operating system	
Android	5.1.1 Lollipop

**Ordering information**

Impact X for Europe	<b>17-S123-11121110000</b>
Impact X for US	<b>17-S123-111211120000</b>
Impact X for Australia	<b>17-S123-111211130000</b>
Impact X for UK	<b>17-S123-111211140000</b>

Technical data subject to change without notice.