




Full HD 1080 p video and 8 Mpix imaging, high-end lenses, ultra-fast zoom and autofocus make the Gravity X an extremely powerful piece of equipment. It can take photos and make audio and video recordings in potentially explosive atmospheres, and immediately load and save them to a network or a computer. The camera has high battery capacity, fast autofocus lens and high-resolution image sensors. The extremely light-sensitive image sensor and powerful LED lamps guarantee outstanding images and recordings. The Gravity X also comes with FlipScape™, a novel application which always records videos correctly, irrespective of which way the camera is held. This is because the Gravity 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. A special camera button provides the basis for professional images. This camera button works in two steps. Before taking the photo, you can first adjust the AE parameters in the same way as with your digital single-lens reflex camera. The Gravity X comes with various camera apps, which enable you to adapt the camera to your requirements and which broaden potential uses.

Explosion protection

Marking ATEX	 II 2G Ex ib op is IIC T4 Gb
Certification	Sira 14ATEX2287X
Marking IECEx	Ex ib op is IIC T4 Gb
Certification	SIR 14.0105 X
Marking CSA	Class I, Ex ib IIC T4 Gb Class I, AEx ib IIC T4 Gb
Certification	CSA file: 70056527
Other approvals and certificates, see www.bartec.de	

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 (1080 p, 30 fps)
Resolution	8 megapixel stills
Image capture	Dedicated camera button
Video codecs	H.264/AVC
Zoom	4 x
Memory	16 to 32 GB

Robust design	
Impact	Impact-resistant to 2 joules
Drop	Drop-resistant to 2 metres
Submersible	Waterproof (IP 68)
Enclosure	Made from one piece of aluminium
Connections	Covered USB
Screen	2 mm Gorilla Glass
Audio	
Microphone	Digital omnidirectional microphone
Audio	Full duplex audio communication
Video recording	Stereo microphones on back
Wireless headset	Bluetooth audio headset support
Handsfree	Integrated mic and speaker
Audio codec	CD quality AAC LD
Audio out	Standard 3.5 mm connection
Sound quality	Echo cancellation
Sensors	
Orientation	3 axis gyroscope
Positioning	Global Positioning System (GPS)
Acceleration	Accellerometer
Navigation	Compass
Power input	
Battery size	3000 mAh
Video playback	8 h
Video recording	4 to 6 h full operating time
Scope of delivery	
Charger	USB
Image transfer	Standard software for transferring images
Warranty	1 year hardware warranty
User Manual	Quick guide
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 inch 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	Over 1.3 million on Google Play
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	Fits in hand and pocket
Fall protection	Strap for ergonomic operation

Network functions	
Wi-Fi	802.11 a/b/g/n (2.4 GHz & 5 GHz)
Bluetooth	Bluetooth 4.0
Wi-Fi media sharing	Dropbox™, Picasa™, Flickr™, Box™, OneDrive™
Operating system	
Android	5.1.1 Lollipop

Ordering information

Gravity X for Europe	17-K113-10121110000
Gravity X for US	17-K113-101211120000
Gravity X for Australia	17-K113-101211130000
Gravity X for UK	17-K113-101211140000

Technical data subject to change with notice.