

Orbit X[®]

Mobile Telepresence Camera

PIXAVI















The Pixavi Orbit X is nothing short of a technological innovation statement by Pixavi. Imagine that a camera this compact and rugged can record, stream and output 1080p video and 8 megapixel stills wirelessly.

Since the camera is running Android, you can remotely install apps and run them via the USB-display function. We are bundling the Pixavi SIPIDO app, the only available Android app available today that is offering full HD video conferencing

Crisp and colorful 1080p video, combined with Bluetooth 4 and WiFi direct transfer capabilities makes the Minicam X a very unique product.

With focus on simple, user friendly operation and basis in a very compact, power efficient and rugged design, the product comes certified according to ATEX and IECEx Zone

-  SIP video conferencing
-  3 hour full operation
-  Runs Android 4.1
-  Dual band WiFi
-  2 X LEDs
-  Bluetooth 4.0
-  EX Certified
-  Extended temperatures
-  Full HD video
-  Rugged/Watertight
-  8 Mpix photos
-  Laser pointer

Applications

- Remote diagnostics
- Tele buddy mode
- Inspection and maintenance routines
- Web casting
- Tactical communication
- Documentation
- Technical troubleshooting
- Extreme sports

Benefits

- Decrease your travel expenses
- Make quicker decisions
- Make better decisions
- Improve work routines
- Combine your resources
- Increase your Safety/QA
- Improve your use of resources
- Have fun

Specifications



Core features

Android v 4.1
Dual core 1.5 Ghz processor
Integrated battery
32GB built in SSD
1080p video acceleration
EX certified

Introduction

The MinicamX is probably the smartest miniature camera you have ever met. We have worked very hard to fit brand new HD video technologies into an extremely compact form factor in order to enable new applications within image capture, video recording, video conferencing, live streaming and CCTV applications.

We have rewritten our software from scratch to run the Android OS, with an enormous ECO system opening up for a whole world of opportunities within Video communication applications.

3 modes of operation

1. Standalone camera/Camcorder
2. Smartphone pairing via Bluetooth or Wifi
3. Network camera and video conferencing



WiFi Direct
or
Bluetooth

The MinicamX can be paired with any bluetooth or WiFi-enabled Smartphone

Video & Imaging features

Full HD video support (1080p)
8 megapixel still images
Dedicated Camera button for easy access
H.264/AVC industry standard codec
32GB of internal video and image storage.
1/3 inch high end CMOS sensor
Second generation backlight illumination

Wireless features

Bluetooth 4.0
802.11abgn (2,4 + 5 ghz)
GPS

Audio features

2 Digital microphones (speech + surroundings)
Active noise cancelling
Full duplex audio communication
Bluetooth audio headset support
CD quality (AAC LC/LD)
3.5mm Headset connection

Networking features

SIPIDO HD video collaboration app
 HostedMobiles device management.
Video conferencing (Skype, SIP, H.323)
Streaming (ISMA, RTSP, HTML5, WebM)
Firewall traversal technology
Dynamic bandwidth control
QoS support
Onvif Security cam protocol
STUN server support
Diffserv, IP presedence (QoS)
CIFS (Microsoft network protocol)
NFS (Linux network protocol)
FTP (upload of images and video)
Support for Dropbox™, Picasa™, Flickr™.

Ports and connections

3.5 mm audio jack
USB 2.0
Micro HDMI



Integrated Led & Laser

The Minicam X comes equipped with two video light LEDs for strong scene illumination. The integrated laser pointer allows for easy collaboration when in a real time communication session.



USB display

Connect to PC and control via USB display function
Install apps
Configure android settings

Built to last

Made from one piece of aluminium
Hard anodized scratch free surface
Impact proof 2 meter drop on concrete
2 Joule impact proof (directly on glass)
Operates from -20°C to +50°C
Waterproof down to 100 meters
Anti smuge coating on glass avoids fingerprints
Gorilla glass ensures impact proof camera front
Chemical resistant materials.

Buttons & indication

We have worked hard to make this camera as easy to use as possible. Each function has a dedicated button.



3 buttons: Illumination/Laser, Recording and On/Of

Earbud connection

The headset connection allows for the camera to be used as a complete wireless video headset with a direct audio output to your ear.

Magnetic universal mounts

The Minicam X can be used in a wide range of applications. We have therefore made a set of magnetic snap in mounts that makes you able to use the camera wherever you want. Examples:



Certifications

ATEX / IECEx Zone 1 certified
EX ib IIC T6
IP68 splash proof
4 J Shock proof /2 meter drop proof
CE and FCC compliant
«Made in Norway»

Dimensions and weight

Length: 113 mm
Diameter: 26 mm
Weight: 85 grams