

## Explosion Proof Wireless Video Communicator



The Xcaster EX5000 helps organizations perform critical collaboration tasks, live from the field. It is the worlds first and only High Definition wireless video communication device.

The intrinsically safe product features innovative collaboration technologies and the latest wireless technologies. Integrated in a rugged aluminum housing, the Xcaster can stream live HD video to any PC using open streaming standards and dial all the leading video conferencing systems in HD quality.

The product features a high quality camera, sunlight readable touch screen display and an ergonomic handgrip and keypad for maximum ease of use. The versatile connectivity makes it suitable for a multitude of applications.

Organizations can through the deployment of the Xcaster technology, operate more efficient and experience better safety as well as reducing their travel costs.

### Applications

- Remote diagnostics
- Advanced collaboration
- Inspection and maintenance routines
- Webcasting
- Tactical communication
- Documentation
- Technical troubleshooting
- Ad hoc surveillance

### 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
- Save the environment



## Video and Imaging features

High Definition video support (720p)  
 8 megapixel still image capture  
 H.264/AVC industry standard codec  
 Internet streaming /w audio return  
 Two way video conferencing  
 High resolution touch enabled LCD  
 Video input and output  
 Up to 64GB flash for recording

## Video standards

H.263 and H.264

## Optics

Auto Focus  
 Focus distance range: 10 cm to Infinity  
 60 degrees Field of view  
 3X lossless digital zoom  
 F value: 1:2.8  
 1/3.2 size, high end CMOS sensor  
 Low light mode

## Audio features

Digital omni directional microphone  
 Full duplex audio communication  
 Stereo support  
 Handsfree support  
 Wireless audio headset support  
 Integrated mic and stereo speakers  
 AAC LC/LD cd quality  
 Echo cancellation  
 Headset connection  
 Line in/out

## Audio standards

G.711, G.722, G.722.1, G.728, AAC-LD and AAC-L

## Wireless features

Wireless audio headset support  
 802.11abgn (2,4 + 5 ghz)  
 Extended range support  
 Seamless roaming  
 WPA2 security (Enterprise)  
 802.11e, quality of service  
 Internal dual band antennas  
 External antenna (improved range)

## H.323 signaling standards

H.323, H.450, H.350, H.235, H.239 and H.460

## SIP signaling standards

RFC 3489, RFC 3261, RFC 2237, RFC 3264, RFC 3311, RFC 3550, RFC 2032, RFC 2190, RFC 2429, RFC 3407 and RFC 3489

## Streaming standards

RTP, RTSP and ISMA

## Networking features

Video conferencing (SIP, H.323)  
 Firewall traversal technology  
 STUN server support  
 RJ-45 Ethernet  
 Power over ethernet support

## Certifications

Zone 1 and 2 certified  
 EX ib [ib] mb IIC T6  
 IP68 water proof  
 4 Joule shock proof  
 2 meters drop proof  
 CE compliant  
 «Made in Norway»

## Connections

Component HD video input, Component HD video output, Ethernet, USB 2.0, Composite video, 7 Volt output for camera supply, DC input, SMA antenna connection and DC input.

## Storage

Up to 64 GB onboard flash storage  
 Store to network drive

## Size and weight

130mm x 110mm x 30 mm  
 800 grams (28,2 oz)

## Operating temperature range

-20 to +40 °C

## General features

Tripod mount  
 Rugged aluminum housing  
 Status LEDs  
 200 h standby  
 6 hours talk time

## Included

Camera, case, charger, EX headset and quickguide

## Ports and functions



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