

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

