

Wireless Video Communicator



The Xcaster ST5000 helps organizations perform critical collaboration tasks, live from the field. It is the worlds first and only High Definition wireless video communication device.

The product features easy to use collaboration and wireless technologies. With its compact design, and 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 end 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
 Store images to CIFS (Microsoft network)
 Store images to NFS (Linux networks)
 Store images to FTP (Web networks)
 Store images to Dropbox™ and other cloud based services

Certifications

IP65 splash proof
 Shock 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
 500 grams (17,6 oz)

Operating temperature range

-10 to +35 °C

General features

Tripod mount
 Rugged aluminum housing
 Status LEDs
 200 h standby
 6 hours talk time
 5-12 Volt adjustable output to power virtually any camera

Included

Camera, case, charger, headset and quickguide

Ports and functions



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