

Wireless HD Video Conferencing & Streaming Codec



The Xcore ST6000 is a cost effective and compact High Definition wireless video communication device. The product features 802.11n capable wireless networking and an easy to use touch screen user interface. It communicates over WiFi in real time with CD quality audio and HD video to any kind of video conferencing endpoint. The product can also stream live, HD video to QuickTime and Windows Media Player.

The product features up to 64 GB of built in memory for recording. The Xcore ST6000 is compatible with many different types of cameras, headsets, audio devices, USB devices, wireless audio devices and display devices because of its feature rich I/O connections. It can be used within both mobile applications and fixed installations.

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

Applications

- Video conferencing
- 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)
 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

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

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

140mm x 110mm x 30 mm
 300 grams (12 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

Codec, case, charger, antenna and quickguide

Ports and functions

