

**EX Certified
 Wearable Video
 Communication**



The VisiWear ST 3500 is an Explosion proof, wearable wireless video communication system. The compact system features 802.11n capable wireless networking and is capable of dialing and communicating in real time/full duplex using high quality audio and video and offering hands free operation to the user.

The product can connect to any video conferencing system or stream audio and video to media players such as QuickTime and Windows Media Player and features up to 64 GB of built in memory for recording. Included with the product comes a high quality miniature camera and a wireless headset. The superior build quality and IP65 sealing makes the VisiWear ST 3500 suitable for use in many environments.

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

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

140mm x 110mm x 30 mm
500 grams (12 oz)

Operating temperature range

-20 to +40 °C

Included

Codec, case, charger, external camera, EX headset and quickguide

included accessories

EX-CAM-A



Peltor EX certified Bluetooth headset



General features

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

Image sensor: 1/4 type IT CCD (Super HAD CCD)
Number of effective pixels: Approx. 440,000
Lens: 10 xZoom f=4.2 to 42mm (F1.8 to F2.9)
Min. Object Distance: 10mm
Weight: 240g (8 oz)
Dimensions: (DxL) Ø 50 mm x 70mm

Wireless connection
10 meters range
Volume and answer button on the shell
High-attenuating shells
Best possible sound quality and comfort
Microphone with effective noise compensation

Ports and functions

