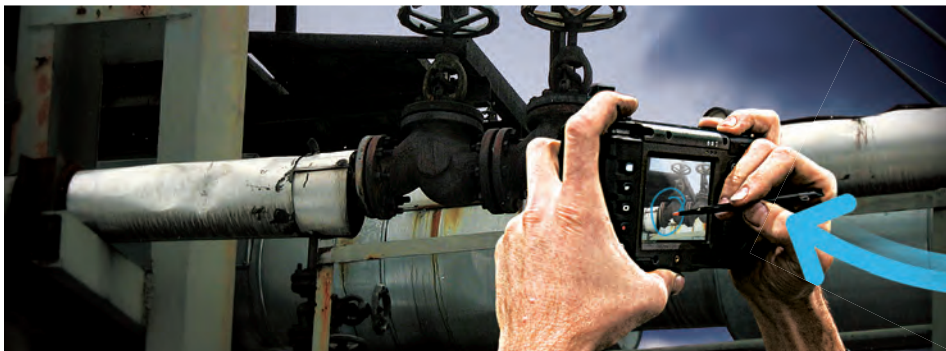# on sight 2500

SMART RUGGED CAMERA BUILT FOR VIRTUAL PRESENCE

The Onsight 2500 gets your experts right inside the world's harshest environments even locations with strict security requirements. Its rugged design and detailed optics provides the reliable, accurate tool you need to remotely assess environments and troubleshoot equipment from the manufacturing plant floor or in the field.

THE ONSIGHT COLLABORATION EXPERIENCE INCLUDES:

HIGH QUALITY AUDIO/VIDEO
Clear audio and high quality video in even the most challenging field environments

FREEZE FRAME
Freeze the live video or the recorded video during playback to concentrate on problem areas

TELESTRATION
Quickly identify areas for further analysis by drawing over live or recorded video and images

MEDIA SHARING
Share images and pre-recorded videos to mentor colleagues and resolve issues more quickly

TRANSFERABLE CONTROLS
Remotely control the camera to get the right visuals and reduce training for the field

PERIPHERAL INTEGRATION
Share visuals from external cameras such as borescopes and thermal imagers

ENTERPRISE GRADE SECURITY/CONTROLS
Multiple levels of security, privacy options, and bandwidth controls

CENTRALIZED MANAGEMENT
Central control over licenses, updates, configurations, and contacts for a highly scalable solution

LOW BANDWIDTH OPTIMIZED
Share live content in even the most extreme low bandwidth networks

TECHNICAL SPECIFICATIONS

GENERAL

- Rechargeable 2400 mAH Li-Ion battery
- SD/SDHC memory card for storage
- 1/4-20 UNC thread for tripod mounting

OPTICAL PERFORMANCE

- CCD image sensor
- 10x optical zoom, f=4.2mm (wide) to 42 mm (tele), F1.8 to F2.9
- 0mm minimum working distance (wide end)
- 1000mm minimum working distance (tele end)
- Manual and automatic focus
- Manual and automatic white balance
- Integrated illumination

AUDIO

- VoIP: G.711, GSM 6.10
- Subject Audio: G.711, GSM 6.10
- Omni directional microphone
- Microphone/line-in input for capture of subject audio synchronized with video
- Speakerphone with acoustic echo cancellation
- Headset Jack

VIDEO STANDARD

- H.264 H.263+
- Up to D1 (720 x 480) at 30 fps

DISPLAY

- 3.7" VGA (640 x 480) display
- Integrated touch screen

COMMUNICATIONS

- SIP call control
- Integrated 802.11 a/b/g/n radio
- RJ-45 10/100 Mbps ethernet

DIMENSION AND WEIGHT

- Weight (incl. battery) – 1040 grams (2.3 lbs)
- Size – 187 mm (7.36") wide x 127 mm (5") high x 108 (4.25") mm deep

SECURITY

- User ID and password control
- WLAN network authentication: WPA, WPA2, WPA-PSK, WPA2-PSK, open
- WLAN Data Encryption: AES, WEP, TKIP, or Disabled
- 802.1x Authentication: EAP-TLS, PEAP, GTC
- Media Encryption: AES-128

EMC

- Canada – ICES-003 Class B
- USA – FCC, CFR47, Part 15, SubpartB – Class B
- EN55011 Class B
- IEC61000-6-2
- EN301 489-1
- IEC61000-6-2

RF EXPOSURE (SAR)

- IEEE C95.1
- Industry Canada RSS-102
- FCC OET Bulletin 65 (supplement C)
- EN 50360

RADIO COMPLIANCE

- Industry Canada standard RSS-210
- FCC Part 15, Sub-part C, Sec. 15.247
- ETSI EN 300 328
- ETSI EN 301 893

SAFETY

- Canada - CSA C22.2 60950-1
- USA - UL 60950-1
- EU - IEC 60950-1

TEMPERATURE

- Storage – minimum -20°C maximum 60°C
- Operating – minimum -10°C maximum 40°C

HUMIDITY (NON-CONDENSING)

- Short term storage (up to 3 months) minimum 5%, maximum 85%
- Operating minimum 5%, maximum 95%

ALTITUDE

- Storage (12°C) minimum 0 ft, maximum 15,000 ft
- Operating (27°C) minimum 0 ft, maximum 8,000 ft

DROP / ENCLOSURE CLASS

- 4 feet to steel or concrete at 20°C
- IP64

CHEMICAL RESISTANCE

- Resistant to engine oil, gasoline, diesel fuel, & water/glycol mix

EXPLOSION PROTECTION RATINGS
(ONSIGHT 2500EX ONLY)

- USA/Canada: Class I, Division 2
- USA, Canada: Class I, Zone 2
- EU: ATEX Zone2
- International: IECEx Zone 2
- Temperature rating T5, Ta = -10°C to +40°C

ACCESSORY KIT

- Hard Carrying case
- Rugged Headset
  (or) Rugged Ex certified Headset
- Spare Battery
- SD card
- Additional stylus

I/O Sled

- Subject Audio-in
- S-video in/out
- RJ45 10/100 Mbps ethernet
- USB
- Power in (12 volts)

Battery Charger

- USA, UK and EUROPEAN Linecord

Librestream