SMART RUGGED CAMERA FOR HIGHLY SECURE OR CHALLENGING ENVIRONMENTS.

BUILT FOR VIRTUAL PRESENCE.

The Onsight 2500 gets your experts right inside the world's harshest environments and 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.

ILLUMINATION
A powerful built in light ring provides optimal lighting for completely dark environments and close-up shots.

OPERATES ANYWHERE
Built to perform in all environments – on wireless or wired networks and in ultra-low satellite or variable cellular networks.

INTERACTIVE EXPERIENCE
Creates a live virtual presence for remote specialists – sharing live video, audio, images, and telestration – the complete Onsight experience.

SUPERIOR VISUALS
Exceptional macro capabilities for extremely detailed close-up visuals and a 10x optical zoom for distance.

RUGGED DESIGN
Outstanding durability in the field with an IP64 enclosure rating, 4' drop spec to concrete or steel, and chemical resistant exterior.

MOBILE TELEPRESENCE CAMERA
Supports standard video calls for immediate integration with video conferencing systems.

ONSIGHT 2500 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
- H264 or H263
- 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 IEEE 802.11 a/b/g/n
- 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

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

EXPLOSION PROTECTION RATINGS (ONSIGHT 2500EX ONLY)
- USA/Canada: Class I, Division 2, Groups A, B, C, D
- USA: Class I, Zone 2 AEx nA IIC
- Canada: Class I, Zone 2 Ex nL IIC
- EU: ATEX Directive 94/9/EC II 3G Ex nL IIC
- International: IECEx Ex nL IIC Gc
- 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
- Audio-in
- S-video in/out
- RJ45 10/100 Mbps ethernet
- USB
- Power in (12 volts

BATTERY CHARGER
- USA, UK and EUROPEAN Linecord