ON SIGHT
HARDWARE

RUGGED SMART CAMERA FOR SECURE OR CHALLENGING ENVIRONMENTS.

LIBRESTREAM

BUILT FOR THE MOST SECURE ENVIRONMENTS.

The Onsight 5000HD virtually brings your experts into the world's most extreme environments. Its rugged design and superior visuals provides the reliable, accurate tool you need for rapid response from the manufacturing plant floor or in the field. Augment your experience with telestration, image sharing, and dimensioning capability*.
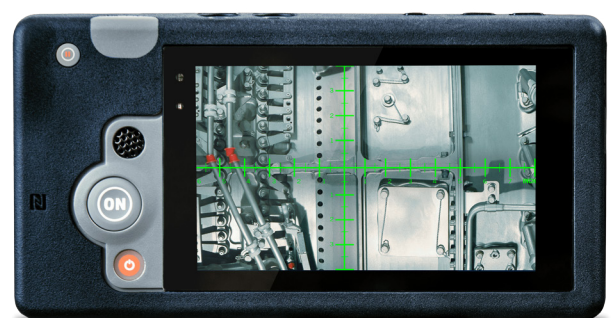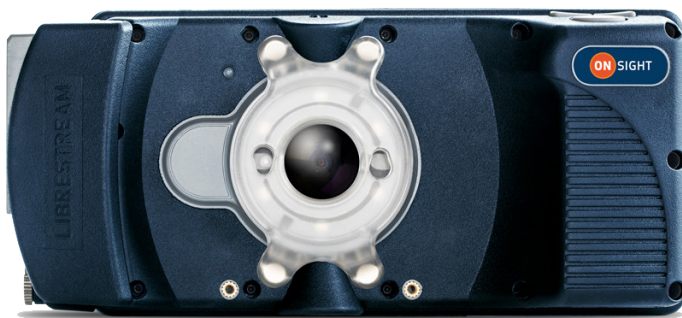
SUPERIOR VISUALS
Exceptional macro capabilities for extremely detailed close-up visuals and a 3x digital zoom for distance.

RUGGED COMPACT DESIGN
Secure wireless mobility across challenging environments – in rain, bright sunlight, or on the manufacturing plant floor.

DIMENSIONING*
Measure objects point-to-point in macro mode or display ruler in standard mode.

PERIPHERAL INTEGRATION
Attach external video sources such as thermal imagers and borescopes to stream specialized visuals live.

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

INTERACTIVE EXPERIENCE
Delivers the complete Onsight experience – sharing live video, audio, images, and telestration – even in ultra-low bandwidth networks.

*Dimensioning in future release.

HOW IT WORKS

Simply connect your Onsight 5000HD Rugged Smart Camera to your network and start collaborating with remote specialists running Onsight Connect on their mobile device, computer, or stream directly to a TelePresence room. Record sessions and take pictures for future training and mentoring programs.
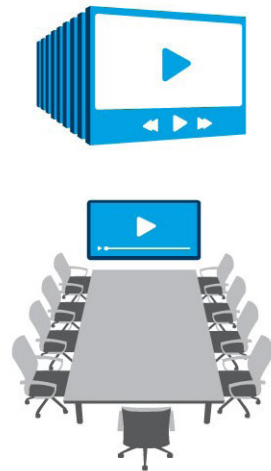
CAPTURE
Share and store visuals from Onsight sessions

COLLABORATE
Virtually bring in remote experts for live collaboration

CREATE
Use recorded sessions to train and mentor teams

SAMPLE APPLICATIONS FOR ONSIGHT 5000HD

MOBILE TELEPRESENCE

Engage dispersed engineering teams, production managers, and plant floor technicians to troubleshoot, inspect, and review assets in rugged environments such as the manufacturing plant floor. The Onsight 5000HD shares critical visuals with TelePresence rooms or video conferencing devices from the most bandwidth-constrained locations.

DETAILED REMOTE INSPECTIONS

Expedite asset troubleshooting and inspections. Attach the macro lens to see detailed up-close visuals. Use video for live inspections, overlay with dimensioning for onscreen measurement, or share live visuals from various Non-Destructive Testing and Remote Visual Inspection devices with remote experts for rapid response.

ONSIGHT 5000HD TECHNICAL SPECIFICATIONS

GENERAL
- Rechargeable 5200 mAH Li-Ion battery
- 64GB capacity, 55GB onboard storage
- 1/4-20 UNC thread for tripod mounting

OPTICAL PERFORMANCE
- 13MP autofocus camera
- 3x digital zoom
- 3cm/10cm minimum object distance (macro mode/normal mode)
- Automatic focus
- Automatic white balance
- Integrated lash and illumination

AUDIO
- VoIP: G.711, GSM 6.10
- Subject Audio: G.711, GSM 6.10
- Omni built-in directional microphone
- Speakerphone
- 3-pole (mono) headset connector

VIDEO STANDARD
- H.264
- HD capture and stream up to 1080P at 30 fps

DISPLAY
- 600 cd/m^2 sunlight readable
- 4.3", 800 x 480
- Multi finger touch panel

COMMUNICATIONS
- SIP call control
- Integrated IEEE 802.11 a/b/g/n
- Bluetooth 3.0
- NFC*

SIZE
- Weight - 470 grams
- Size – 168 mm wide x 87 mm high x 50 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
- Locked down appliance

EMC
- Industry Canada ICES-003 Class B
- FCC, CFR47, Part 15, Subpart B–Class B
- EN 55022 Class B
- EN 55024
- ETSI EN 301 489
- IEC 61000-3-2
- IEC 61000-3-3

RF EXPOSURE (SAR)
- IEEE C95.1
- Industry Canada RSS-102
- FCC OET Bulletin 65 (supplement C)
- EN 50556

RADIO COMPLIANCE
- Industry Canada RSS-210
- FCC Part 15, Sub-part C, Sub-part E
- ETSI EN 300 328
- ETSI EN 300 330
- 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 Storage greater than 3 months maximum 45°C
- Operating – minimum -20°C maximum 40°C

DIMENSIONING*
- Time of Flight and Laser sensor
- Macro mode: point-to-point dimensioning
- Standard mode: grid ruler dimensioning

HUMIDITY (NON-CONDENSING)
- Short term storage (up to 3 months) minimum 5%, maximum 85%
- Operating minimum 5%, maximum 90%RH

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 IAW IEC 60529

ACCESSORY KIT
- Hard Carrying Case
- Rugged Bluetooth Headset (Optional)
- Macro Lens
- Shoulder Strap
- Trifold Pouch

MULTI-PORT ADAPTER
- Type A USB Host port for UVC video and digital microphone inputs
- Micro USB OTG
- MiniHDMI In/Out
  - Output for external monitor connection
  - Input for external video/camera source (up to 1080p 30fps)

POWER
- 5VDC, 3A AC Adapter
- International power supply blade kit

*Enabled in future release