Case Study

Olympus Corporation

Utilities & Resources

Long-range over IP video transmission for infrastructure inspection with industrial videoscope
Olympus Corporation is a Japanese manufacturer of optics and reprography equipment and was established in 1919. Olympus recently developed a videoscope known as IPLEX GAir for use in pipe inspection applications in industrial locations such as petroleum and power plants. Olympus was looking for a solution that enables remote control and video transmission of the scope, which is inserted up to 30 meters to inspect long, complex pipes. Since there are only a limited number of engineers who can inspect these infrastructure facilities, Olympus needed a reliable method for inspecting remotely without going to the site.
• Long-range over-IP video transmission to send image of the industrial videoscope to remote operators.

• Remote control for safe and efficient operation in hazardous locations.

• User-friendly solution that can be operated by workers without IT knowledge, enabling smooth on-site installation.

• Reliable local technical support if needed.
Remote Control with Superior Video Quality
Combining the ATEN VE8950 with the videoscope allows it to be remotely operated and transmit video up to 4K with very little delay or degradation up to 100 meters.

No Complicated IP Setup, Easy to Use
The ATEN VE8950 can easily be installed, even for those with little IT training, therefore reducing the hurdles for on-site installation.

Worldwide Presence, Local Reach
ATEN’s worldwide operations and domestic support (service system and technical capabilities) ensure that support can be provided as timely as possible.
4K HDMI over IP Transmitter / Receiver

VE8950T / VE8950R

- Delivers visually lossless high-quality video up to 4K@30Hz 4:4:4
- Effortlessly switches via top panel pushbuttons
- Supports USB 2.0 to allow for connection of USB peripheral devices
- EDID Expert™ applies appropriate EDID mode for smooth video display
- Offers multi-functionality in extender, splitter, matrix switch, video wall and daisy chain applications