

# IPTV System

## Networked Remote Video Inspection System



**Flexible, Modular & Expandable**  
Add additional cameras as needed

**User-Friendly High Speed Ethernet**  
LAN-Based Inspection System

**Portable Wireless Tablet PCs**  
Adds Remote Control Viewing Capability

**Integrated Into Single Unified System**  
For All Visual Inspection Needs

*ROS has been manufacturing an array of harsh environment cameras, lights, positioners, and specialized systems designed for oceanographic, nuclear, industrial, and military applications for over 30 years.*



***Not CCTV, but IPTV, Turnkey integration for your refueling camera system.***

With the introduction of ROS' innovative new Ethernet IPTV System, those days of cumbersome camera control consoles and DVRs are finally behind you. Now all your underwater and in-air cameras will be integrated in a single unified system.

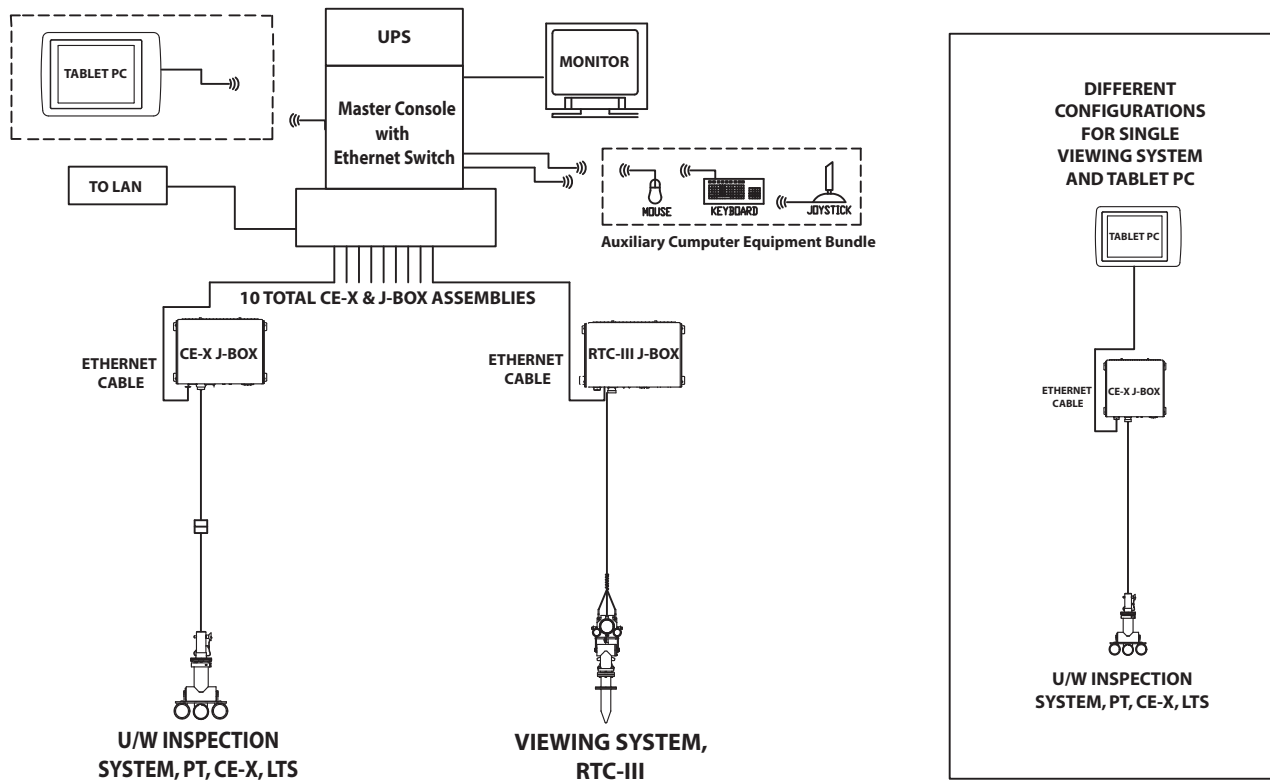
The user-friendly IPTV System is compatible with ROS' legacy color and rad-hardened camera systems. Instead of connecting your umbilical cables to rack mounted controllers, now you will be able to link them in a plug & play network where all the video is recorded on a master control system. Your authorized camera operators will then be able to control each camera via portable wireless tablet PCs -- on the refuel floor and even up on the refueling machine.

Video feeds are recorded onto terabyte hot-swappable hard drives to ensure that every crucial image is retained. The feeds can selectively be streamed out of containment for monitoring from the control room or across the globe. Upgrades will be easier than ever -- adding another camera is as simple as plugging in an Ethernet cable.

The IPTV System will radically increase your outage efficiency. The synchronization of all cameras finally allows for the tracking of each fuel assembly from the pool to the core -- maximizing safety and allowing automation of the core verification process.

Step into the 21st century. Be the rockstar of your next outage -- Call ROS and reserve your IPTV system today.

# IPTV SYSTEM



## Master Console

High performance CPU for system control & recording.  
 Ethernet network switch, UPS and DVD burner.  
 Terabyte-capacity hot swappable hard drive.  
 Full frame rate resolution, 4 camera streams can be recorded non-stop for more than 2 weeks.

## J-Box

Placed anywhere in containment. Three inteconnections:  
 umbilical connects to camera heads, Ethernet cable to MCS,  
 and local 120v/60Hz AC outlet power.  
 Corrosion-resistant stainless steel with hooks for handrails.

## RTC3 & Color Cameras

RTC3 - Radiation Hardened Camera with 3:1 non-browning zoom lens and additional analog 2X zoom, internal LED light ring, high quality image and reliability.

CEX-18 - auto or manual focus and iris control. Remote 18:1 optical zoom with additional 4X digital zoom, exceptional resolution.

## Tablet PC

Ruggedized tablet PC interfaces to J-Box via Ethernet/LAN.  
 Creates stand-alone mobile viewing & recording system.  
 Can communicate with network via Ethernet/LAN or wireless.  
 Digital touchscreen control panel.

