

EDGEVISION

— REMOTE VISUAL INSPECTION SYSTEM —

Powered by Nvidia Jetson for Improved Jobsite Productivity

EDGEVISION™ RVI SYSTEM Includes:

- HDTV (1920x1080p) video pipeline and 176° wide-angle lens, optimized for boiler and HX tube inspection
- Detachable and submersible camera head under 1 inch (25mm) diameter with 98.4' (30 m) cable
- NVIDIA Jetson “Edge” Computer powers Integrated Video Recorder, Image Capture, and AI-assisted Report Generation
- Wi-Fi Control by a Lenovo Yoga Tab 11 with 3.2k display hosting Edgevision software
- Supervisory viewing via Wi-Fi and HDMI video output
- External video input via USB port for alternate video sources
- Go and work anywhere with two hot-swappable batteries for continuous cordless use
- Compact, light-weight design fits through manways, round and oval
- AI-Assisted report generation with auto-anomaly detection and harmonized coding



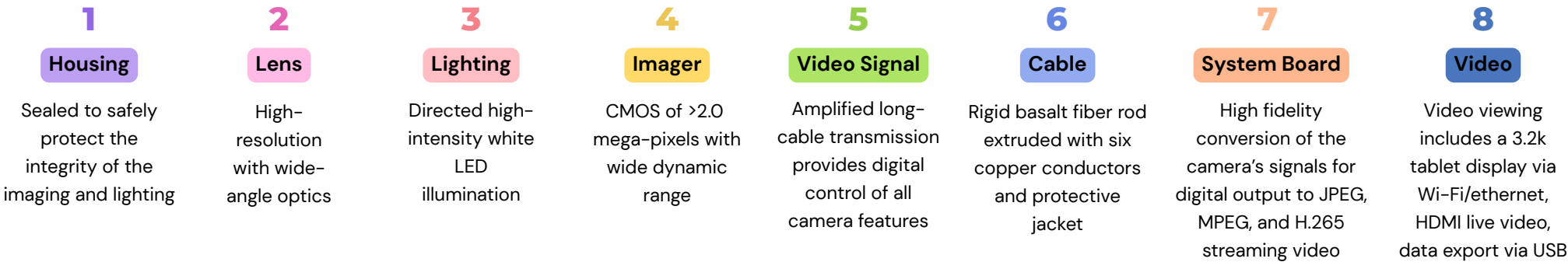
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AI4RVI
Artificial Intelligence for Remote Visual Inspection

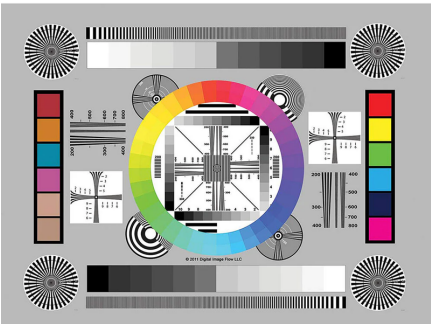
The video chain: only as strong as its weakest link.

The 8 links to the video chain work in series to generate a clearer and sharper image enabling capture of the most accurate details.



What is True HD Video?

- Most standard pipe camera systems claim HD for High definition but don't come close to delivering it. Video experts state that system HDTV can only be measured objectively with a TV test chart.
- AI4RVI's system can resolve and capture >800 HTV lines with amazingly vivid color fidelity



Three models at three price points:

1. Basic: Includes HDTV camera system with Wi-Fi Edgevision tablet, video recording and still image capture. Output via Flash drive
2. Report-generator: Same as #1 + AI-powered capability to assemble and generate a consolidated job report with harmonized coding
3. Image Analysis: Same as #2 + AI-powered anomaly flagging and tagging via drop-down menu.

Features

Features / Models	Basic	Report Generator	Image Analysis
Video and Image Capture	Y	Y	Y
Edgevision Tablet	Y	Y	Y
Standard Accessories	Y	Y	Y
Report Generation		Y	Y
Anomaly Coding			Y
AI Anomaly Detection			Y

Specifications

	CAMERA HEAD	Imager & Effective Pixels	HDR CMOS 1/2.8" - 1920 x 1080
		Lens	Sealed 176° wide-angle mega pixel lens
		Lighting	10 white LEDs
		Construction	Stainless Steel and Aluminum
	TABLET	Size	11.1 inches (281mm) diagonal
		Resolution	3.2k (3200 x 2000) pixels
		Memory	12GB RAM, 256GB Storage
	SYSTEM	Power	20-24 VDC (100-240VAC 50/60Hz charger)
		Compact Size	16.5 x 15.0 x 7.5 inches (42 x 38 x 19cm)
		Weight	20 lbs (9.0KG)
	CABLE & ACCESSORIES	Cable	0.25 inch x 98.4ft (6.4mm x 30m)
		Included	Shipping case, AC system charger, two removeable batteries, three centering devices
		Optional	Secondary tablet, spare batteries, external battery charger