

PACIFIC IMAGING SOLUTION AEROSPACE INSPECTION



Pacific Imaging's Digital Radiography (DR) systems are 100% portable and fully battery operated, serving as complete, in and out-of-laboratory X-ray inspection devices. The system's thin digital imagers can easily be carried by a single operator and inserted in upright and elevated locations. Built-in fast wireless up to 300m (line of sight) enables rapid set-up, smooth operation and seamless imaging. Pictures below show images acquired using Pacific Imaging Software and Digital Detector using High Energy X-ray.

Pi Software with its "SINGLE CLICK" process makes acquiring images very easy. When you launch the software, detector & x-ray are auto-connected. Just press "READY" & an image is acquired within a few seconds & wirelessly transferred onto a tablet (or laptop) for immediate review and analysis.



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PI SOFTWARE FEATURES*

ZOOM, PAN, ROTATE, FLIP	IMAGE STORAGE, IMPORT/EXPORT, DICOM
TEXT, SHAPES, DISTANCES, AREAS	LINE PROFILE, DUPLEX WIRE
INVERT, WINDOW/LEVEL, HISTOGRAM	PIPEWALL THICKNESS MEASUREMENT
CROP, MASK, ROI, OVERLAY	ROI STATISTICS, SNR, CNR
BEST FIT, 1:1 DISPLAY, SPLIT DISPLAY	IMAGE PROCESSING, FILTERS, EMBOSING, FALSE COLORS
UNDO, REDO, RESET, PRESENTATION STATES	PIPELINES, TRIGGERS, PLUGINS
CONFIGURABLE UI, MULTI-LANGUAGE	REPORTING
INFO FOR PART AND STUDY, OVERLAY	USER LOGINS, ROLES

Pacific Imaging Aerospace Solution Includes:

- Pacific DR Panel
(Available in 14"x17", 17"x17" & 10"x12" options)
- Ruggedized Laptop and / or Tablet
- Pi Software
(For image acquisition, storage and transfer)
- X-ray Source
(Determined depending on scope of project)
- Accessories
(Includes but not limited to dongle, USB WiFi converter, Pelican case, etc...)
- DR Protective Armor
- DR Mount (Heavy Duty)
- AEROSPACE Processing Algorithms
(Optimized to image 12" – 14" thick Concrete)
- WiFi
(Air Pi Wireless Trigger for Detector)

Aerospace – Where to Use

Wings
Motor
Infrastructure
Propeller

Aerospace – Main Benefits

Analyzes weld quality
Physical Damage Assessment