



**PACIFIC**  **NDT**  
NEXT LEVEL IMAGING

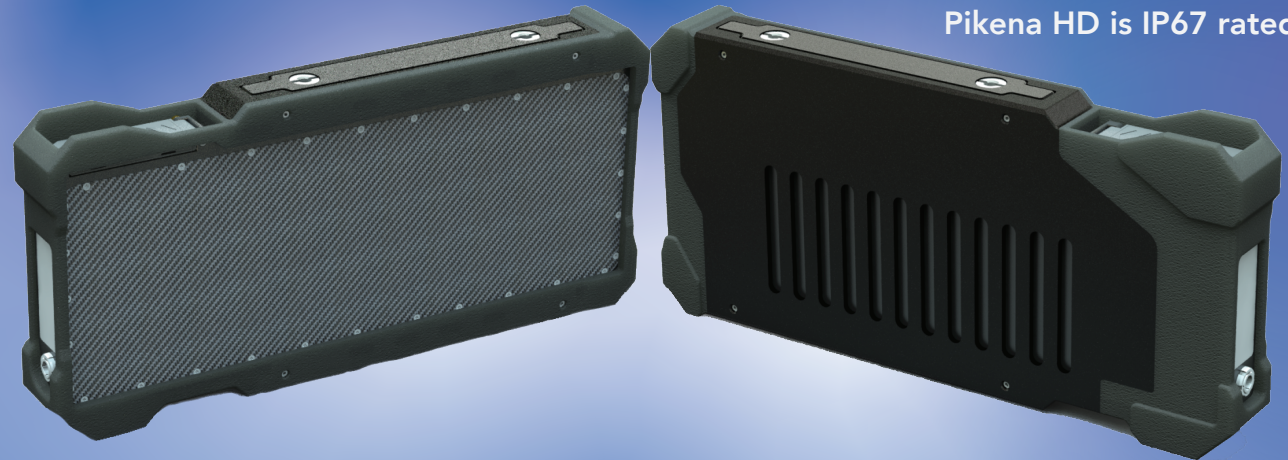
# PiX Pikena HD

**Introduction:** Pacific NDT is glad to introduce our highest resolution digital detector called **PiX Pikena HD**. **Pikena HD** is our smallest, lightest, and highest resolution detector. With a scanning resolution of 76 microns and a weight of 2.7 lbs (minus armor), it's your ideal choice for high definition aerospace imaging or Pipeline inspection. We believe **Pikena HD** will provide you with improved accessibility and the ability to image in tighter spots.

## SPECIFICATIONS

1. Technology	a-Si TFT with Photodiode
2. Imaging Area (mm & inch)	233x97mm (3.8"x9.1")
3. Pixel Matrix	3072 x 1280
4. Pixel Pitch (µm)	76µm (Binning 152 µm)
5. A/D Conversion	16-bit
6. Operation Temperature (°C/°F)	0-45°C (32-113°F)
7. Data Interface	1G Ethernet / Wi-Fi 802.11 n/ac
8. External Dimension (without armor)	335x132x30 mm (13.1 x 5.2 x 1.2 inches)
9. External Dimension (with armor)	345x145x36 mm
10. Edge Space (mm)	6 mm
11. Ingress Protection	IP 67
12. Weight (low kV application)	2.7 lbs
13. Weight (high kV application)	4.9 lbs
14. Weight (with armor/low kV)	4.5 lbs

Pikena HD is IP67 rated.



**Pikena HD** comes with a highly advanced sleeve-like protective case designed to ensure the detector profile stays as small as possible. The armor allows you to mount handles at multiple locations and the ability to use our **Manual Mount kit, Robo Mount kit, etc.**

## Advantages

- Access difficult to reach areas (compact design)
- Highest spatial resolution for portable use
- Ability to mount on curved pipelines (ideal for Oil & Gas)
- Long range wireless data transfer
- Battery operated
- Field proven for aerospace use
- Friendly software interface

**Pix Pikena HD** is designed with complete focus on successful use in portable applications.

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