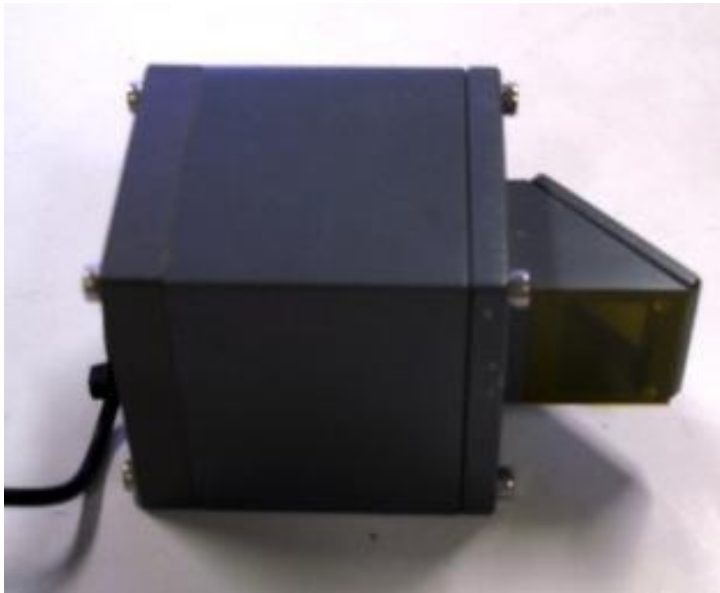


# Portable X-Ray Camera

It is a compact and portable device to capture digital X-ray image of experimental objects and calibration of accelerator beam.

## Challenges:

1. Compact design
2. Highest image quality and dynamic range
3. Compatible with other systems and software



Potable X-Ray Camera

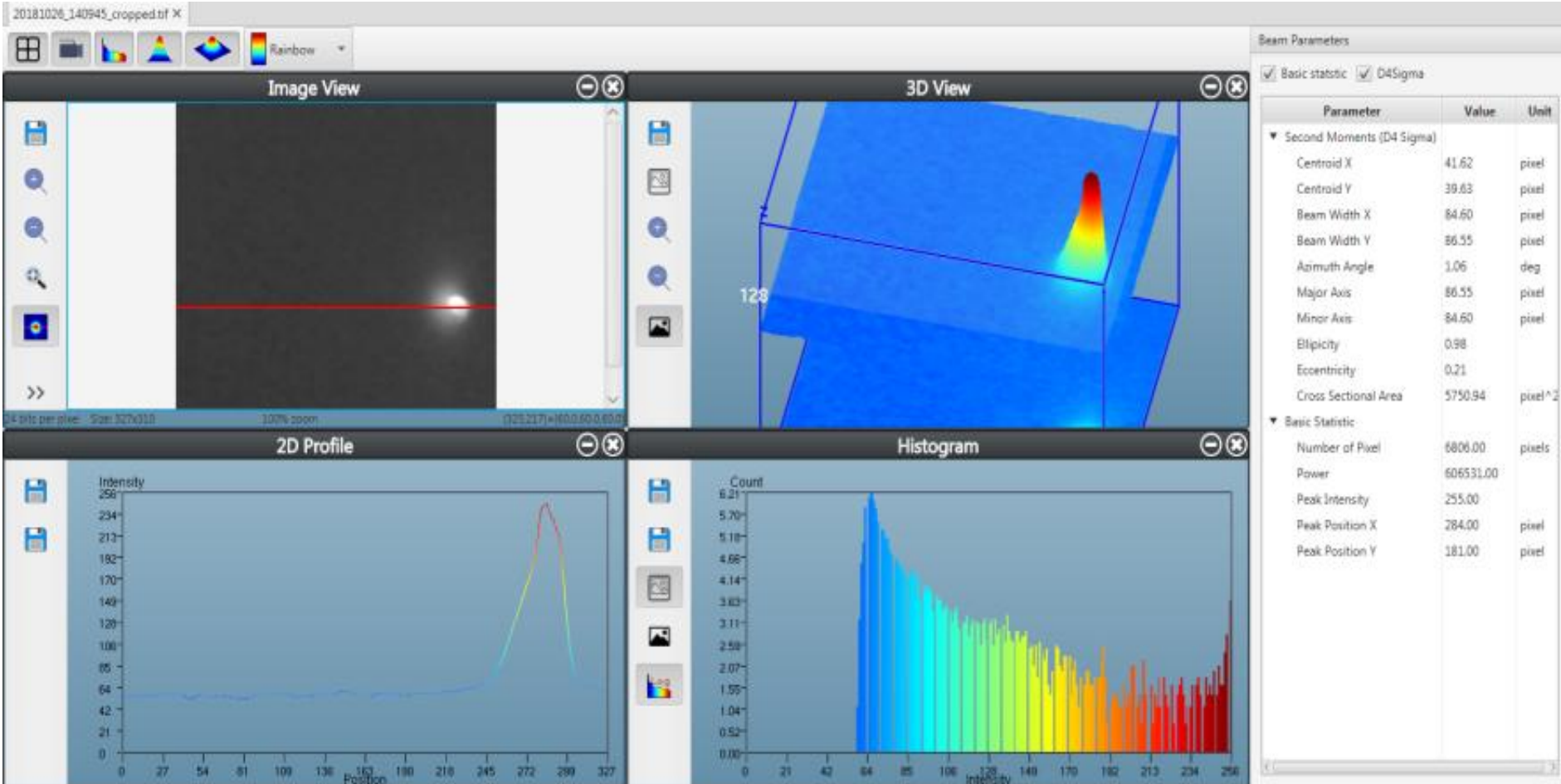


BL21 image



BL9 image

Image captured by portable X-Ray camera at different beam lines (BL21&BL9) at RRCAT, Indore.



(c) Division of Remote Handling and Robotics

X-Ray beam profile (Image view, 3D View, 2D Profile & Histogram) of BL21 beam-line image.

## Features:

- Modular design for CCD, crystal and suitable optics
- Scintillator crystal (GGAG)
- Shielding for synchrotron radiation/accumulated dose-0.5MRad
- Driver software (DLL)
- In-house software for 3D profile, 2D profile and histogram