

mirage-acquire

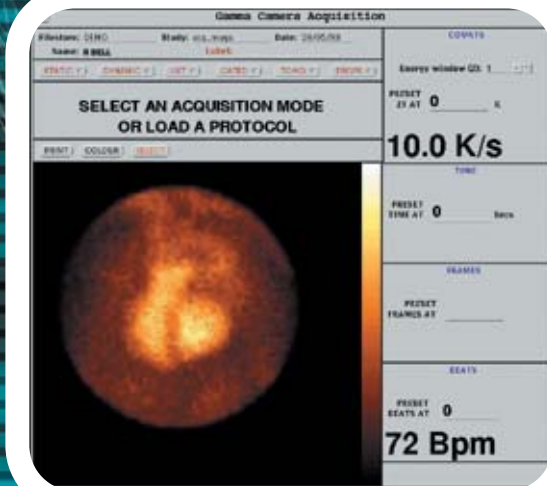


mirage-acquire

A gamma camera acquisition system

- Supports analogue and many digital gamma cameras
- Easy to use – simple point-and-click, window-based interface
- Comprehensive – supports all acquisition modes including list-mode
- Networked – immediate review anywhere on the network
- Acquisition workstation – display and process data as acquired

mirage-acquire, brings the power of the network to gamma camera acquisition and provides greater control over acquisition parameters. Whether you want to network a Siemens Orbitor, perform gated SPECT studies on a GE 400, or acquire a gated study in list mode from a recent ADAC gamma camera, **mirage-acquire** will meet your needs. **mirage-acquire** will help you increase the utility and extend the useful life of these and many other cameras from ADAC to Scintronix.



- Straightforward user interface
- Minimal key-strokes
- In routine clinical use for over a decade
- Processing while acquiring
- Circular & elliptical orbits
- Forward & reverse gating
- True bad beat rejection

mirage-acquire specifications

INPUTS: Analogue X and Y with up to four Z triggers (50Ω BNC)
 Digital interface
 Physiological trigger (e.g. ECG)
 Gantry rotation status
 Tomographic Control

OUTPUTS: Gantry movement

Static Acquisition Mode 64², 128², 256², 512², and 1024² at 16 bits/pixel

Dynamic Acquisition Mode 64², 128², 256², and 512² at 16 bits/pixel up to five time segments

Gated Acquisition Mode 64², 128², and 256² at 16 bits/pixel, any number of frames/cycle. Acquire in up to five simultaneous beat reaction windows with true bad beat rejection, variable or fixed (forward, reverse, or mixed) time gating

Whole Body Mode 1024 x 256 at 16 bits/pixel

Tomographic Mode 64², 128² and 256² any number of angles, gated specification as above

Gated Tomographic Mode Same as Tomographic Mode but with physiological trigger

List Mode Supports all of the above formats, 0.1 ms time marks

Multi Isotope Acquisition Quadruple isotope capability in all modes

Frame Rate/Count Rate 100 frames per second, maximum 100,000 counts per second

Protocols User-definable acquisition protocols enable viewing and processing of data as it is being acquired