

Technology Overview

The diagrams below represent the process of creating multi-layer spatial data representations using Urban Mapping's patent pending Panamap™ technology.

Diagram 1

Artwork for three views of Manhattan are created and optimized for visual performance.



Diagram 2

Images are interlaced by alternating horizontal strips from each. The resulting compound image is calibrated to a specially designed thin plastic lens. Lenses contain between 60 to 200 micro-lenses per inch, depending on the desired outcome. This is mounted to a backing, finished and packaged.

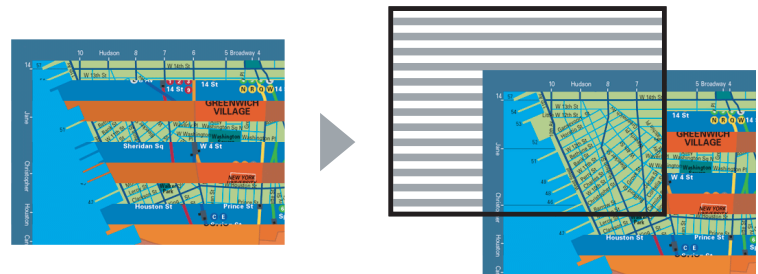


Diagram 3

The underlying Panamap technology essentially 'fools' the human eye. By rotating the map, the angle of viewing is changed and one of the resulting three layers can be viewed.

