mPx Linear™

We support your productivty-enhancement initiaives

mPx Linear™ is similar to a paper scanner…

… it scans the real world into 3D and transposes any relatively flat surface into exploitable data, pictures, or videos.

Linear stitching is a way to stitch together images being produced in a linear manner where the user needs to scan in objects more significant than the field of view of a camera.

Either the camera or the object can be moved in a single direction to effectively scan the object by combining successive images into a single large image to be later processed by other modules.

metaPeakx's proprietary technology is very efficient with **extremely high resolution** at **minimal required computation power.**

Where & How should you use mPx Linear™ ?

Applications

- Shelf Scanning for Stock Management using Robots or Drones
- Under Vehicle Scanning
- Land delimitations, and views from a distance through drones, satellites
- Inspection of pipelines, railways, Electrical / High tension networks, sewers…

Sectors/Industries

- FMCG, Bookstore, Warehouses
- Security
- Imaging
- Utilities, Transportation

mPx Linear™ Uniqueness

- *Fast*
- *Optimized*
- *High Resolution*

- *GPU-based processing*
- *Parallax compensation*

- *Compatible with embedded, low consumption systems*
- *Colour-correction*