Sunny Matrix
Solar Datatechnology
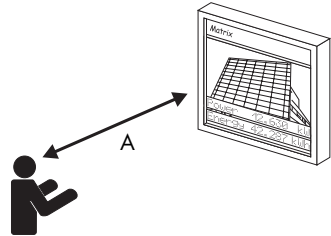
SMA

Version: 1.1

1 Photo requirements for the front screen

1.1 General information

The following factors influence the necessary resolution of the photos you provide:

- Size of the Sunny Matrix
- Viewing distance (A) from the Sunny Matrix
- Position and size of the image on the Sunny Matrix
    - Do you want the photo to fit the entire screen?
    - Do you want to display a company logo in a corner?
- Orientation of the photo: portrait or landscape

1.2 Graphics formats

We process all common graphics formats including vector graphics and bitmapped graphics.

We require photos as bitmaps (uncompressed TIFF, JPEG after consultation). Company logos and other symbols must be vector graphics in the source format (Adobe Illustrator, Corel Draw, Free-Hand) to enable us to adjust colors and optimize them for printing.

1.3 Image resolution

Digital cameras

Photos taken with a 4 to 5 megapixel camera with the highest resolution are normally sufficient. Do not use the digital zoom function since this considerably reduces the quality of the image.

These photos are sufficient for viewing distances greater than one meter. At distances less than one meter from the Sunny Matrix the individual pixels become visible, and the photo is fuzzy. If you want the photo on the Sunny Matrix to be clear from close up, you must use only digital cameras with the highest resolution (over 8 megapixels).

Printed photos

If you cannot provide a digital photo in the required resolution, we also accept 9 x 13 cm and 13 x 18 cm printed photos, which are sufficient for viewing distances greater than one meter from the Sunny Matrix. For distances under one meter, we require higher quality photos. We would be happy to work with you to contract a photographer.