smart3D
Pixelio

3D world closer than ever before!

What is Pixelio?

Using the latest 3D technology
Smart 3D Ltd has created Pixelio.

Pixelio is an innovative, modern and easy to use
3D scanner that can be used by everyone!

Until now, the market has lacked a good and low
cost device for 3D printer users that allows
to copy objects, make spare parts, or archive
collections in the form of 3D files.
Smart 3D Ltd team creates
a device that fill this gap. The company also
wanted to add some simple
and clever features to their
small devices.

That is why Pixelio – the first baby of Smart 3D
became also a device that helps to improve your
photos or even movies.

What is Pixelio?

Pixelio will introduce you to a new dimension in 3D photography.

With Pixelio scanner you can enjoy high-tech feat for a reasonable price. All you need is a smartpho a free app.

With Pixelio you can create:
- a ready-to-print 3D model
- high-quality panoramic photos
- high-quality time-lapse videos
- 360 degree images & videos

What is Pixelio?

All these features are possible due to the fact that Pixelio works through smartphone and some free applications.

- Autodesk 123D Catch is using for scanning,,
- Arqspin app will help to create 360-degree photos and product pictures.

Pixelio is the only device in the world that allows to take highly precise scans and photos through applications. Thanks to the patented Smart 3D's Virtual Finger technology all those process are done automatically and without mistakes. To create the human finger resistive capacity Smart 3D has used a unique material with 0.3% of graphene.

Pixelio also provides several useful functions. Modern design makes it even better – once you use it you will never want to put it away!

Pixelio also comes with:
- wireless phone charging function
- powerbank
- a built-in timer
- a nice LED indicator

Who is Pixelio for?

Everyone will find Pixelio useful!

Affordable and user-friendly it should satisfy the most demanding photographers and 3D printer users. Pixelio does not have its own optics as for that purpose, it uses your smartphone camera and a free app (eg. 123d Catch). That makes it even more accessible.

Featuring a wide range of functionality Pixelio will be perfect for:
- sellers on eBay, Allegro & other auction sites
- bloggers and vloggers
- graphics
- real estate developers
- architects, engineers etc.
- or even tourists who want to take the best panoramic pictures

Pixelio will also be perfect for you and your business!

How does Pixelio work?

3D Scanning

With SMART 3D you can scan
any object you like in an easy and
intuitive way.

- 3D model can be printed directly using your 3D printer
- a scan is of high quality and it captures fine detail (which
  is not possible with hand-held scanners)
- thanks to a universal holder it can be connected to any
  smartphone
- Virtual Finger technology allows users to take perfectly
  sharp photos

	3d systems Isense	Occipital Structure sensor	Rubicon 3d	Matter and Form	Fuel3D	Pixelio
Price:	$499	$349	$600	$579	$1,250	$120
Type:	Handheld	Ipad mount	Tabletop	Tabletop	Handheld	Tabletop/Portable
Stand Alone scanning:	NO	YES	NO	NO	NO	YES
Smartphone scanning:	YES	YES	NO	NO	NO	YES
Software:	Isense	structure app	Rubicon 3d	Matter and Form scan	Studio software	123d Catch - Autodesk
Depth resolution 165mm:	NA	NA	0,1mm	NA	NA	0.1mm - depend from lens
Depth resolution 250mm:	NA	NA		NA		0,2mm - depend from lens
Depth resolution 500mm:	1mm	1mm	NA	NA		0.2mm - depend from lens
Min scan distance:	0,4m	0,4m				0,18m
Calibration:	Not required	Not required	Required	Required	Not required	Not required
Min scan volume:	0,4m x 0,4mx 0,4m	0,4m x 0,4mx 0,4m				ring, coin
Max scan volume:	3mx3mx3m	3mx3mx3m	165mm x 165mm diameter	250mm x 180mm diameter	4m x4m x4m	0.18mx0,18m / 3mx3mx3m (3d panorama, reversed smartphone)
File type:	STL, OBJ, PLY	STL, OBJ, PLY	STL, OBJ, PLY, 3DS,XYZ, RUB, JPG, PNG	STL, OBJ, PLY, XYZ	STL, OBJ, PLY	STL, JPG, MOV, PNG
Automatic scanning:	NO	NO	YES	YES	NO	YES
Scans in colour:	YES	YES	YES	YES	YES	YES
Optics:	Ipad optic	Ipad optic	M12 aspherical	integrated	dual , integrated	Smartphone Optics
Laser:	NO	NO	YES	YES	NO	Feature
System:	IOS	IOS	WIN	WIN, MAC OS	WIN, MAC OS	IOS, Android, Windows Mobile
USB:	NO	NO	YES	YES	YES	YES for battery charging only
Integrated battery:	YES	YES	NO	NO	NO	YES
Tripod mount:	NO	NO	NO	NO	NO	YES

Panning

Fantastic panoramas taken with Smart 3D scanner are characterized with:
- precise, steady image (no movements)
- high resolution (depending on what smartphone you are using the photo quality can be excellent)

To meet the needs of the most demanding photographers Pixelio allows you to set intervals, speed of the arm movement and many other parameters. The device timer can be programmed for any time you like. This function will help you to create incredible time-lapse shots.

Pixelio also has a tripod mount so it can be easily attached to any tripod. Pixelio can be connected not only to smartphone, but also to a full HD GoPro-type camera so your photos and videos can become even better.
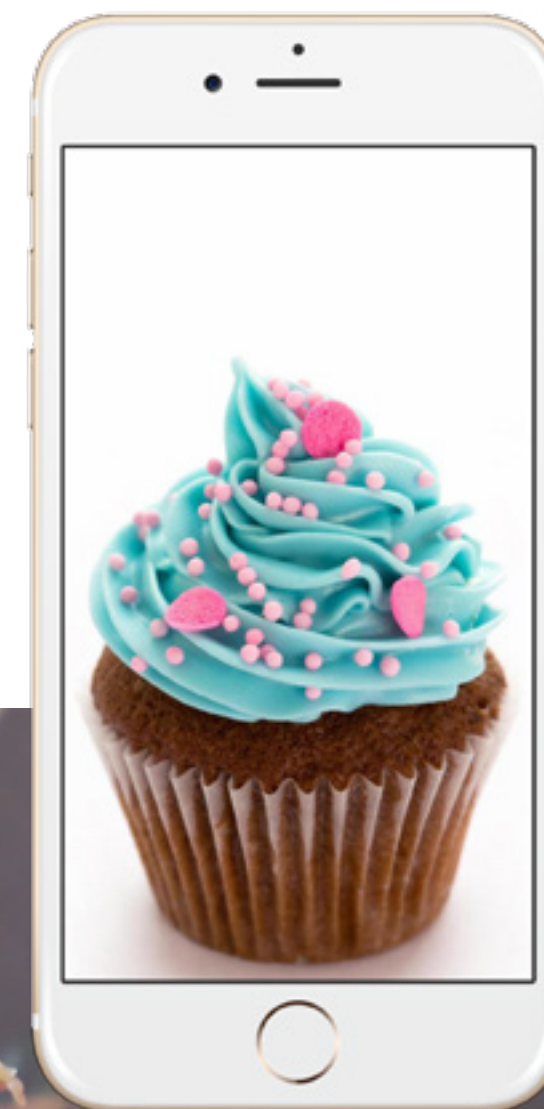
Filming/360 Product Photography

Smart 3D is a simple and fast way to create amazing 360 degree photos! This option will particularly appeal to you if you sell on the Internet, write a blog or deal with professional product photography.

The process of creating pictures is automatic. 360 degree photos can be saved to MP4 or GIF format.

You will be impressed what you can do with Pixelio! Product photography has never been so simple, fast and precise!

Time-Lapse Videos

Time-lapse movies are made by taking hundreds of photos
of one scene (for example the sunset or sunrise).

It looks quite effective but Pixelio gives you even more! Pixelio has a buil-in feature that
allows to move a camera/mobile phone (placed in the holder) centimiters by centimiters
and triggering the shutter every few seconds, minutes or hours – as you set it. It gives you
possibility to create incredible panoramic time-laps video. Pixelio allows for panning with
excellent precision at the speed you set. Pixelio costs much less than other devices
for panning and time-lapse movies and for its price offers offers so much more.

Please contact us for more information:

SMART 3D LTD
210 WALTON ROAD
EAST MOLESEY
SURREY

UNITED KINGDOM
KT8 0HR
Company No. 09690636

www.smart-3d.co

sebastian adamek
general director

✉ sebastian@smart-3d.co

486067258290

norbert dydynski
sales director

✉ norbert@smart-3d.co

48534800884

tomasz krupnik
creative director

✉ tom@smart-3d.co

48513167176

kryspin kozlowski
administrative director

✉ kris@smart-3d.co

48504216881