

# DigitalEd: Getting Started with 360° Video



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**What is 360° video?**

- A panoramic video that plays as an unwrapped sphere
- Enables the viewer to look anywhere and everywhere



An equirectangular image

What separates 360° video from other video?

The immersive experience!

**How we've been using 360° video**



Breaking news - a bus accident <http://bit.ly/brk-nws>

# News packages



<http://bit.ly/frerehall>



<http://bit.ly/crocshrine>



# Special projects



<http://bit.ly/khislum>



<http://bit.ly/flstaff>

# Getting started

# Building a 360° video kit

## 360° video kit - Must haves

- 360° camera
- Monopod
- Spare batteries
- Spare memory cards
- Portable power pack
- Audio recorder

## 360° video kit - other items

- Cables for live broadcasting
- Gimbal for stability
- Remote camera dolly

# Picking a 360° camera

# Ricoh Theta S

- Priced at \$296.95
- Easy to use
- Live stream option
- Quality is average



# Samsung Gear 360

- Priced at \$349
- Live preview while recording
- Good quality
- Can only be used with a Samsung phone
- Video needs to be converted
- Heats up





# Nikon KeyMission 360

- Priced at \$496.95
- Easy to use
- Good quality
- Has a video editing software that can be used by beginners



# Insta360 Nano

- Priced at \$199
- Stream live directly to YouTube and Periscope
- Only works with the iPhone



# Monopod

# Nikon extension arm



# Freedom360 monopod



# Planning your story

**Know what you're shooting**

**Scout your location**



# Scout your location

- Don't assume shooting at your location will be a simple process
- Many challenges with 360° video:
  - You'll have to hide somewhere when recording
  - It might be rushy and people might bump into your camera
  - Check the light

# Storyboard if you have multiple scenes



**Preparing to shoot**

# Preparing to shoot

- Clean your camera lens!
- Check your camera settings
  - ISO
  - Aperture
  - Shutter speed
- If you're recording audio separate, set the audio recorder under the recorder so it isn't visible in the shot

# Shooting

**Rule number one: Stay out of the shot**

Avoid being too close to anything that is moving to avoid seam overlap



**Don't place your camera too far from objects  
you want in detail**



**Avoid walking around with your camera**

# Avoid walking around with your camera

- This results in shaky footage and will cause nausea for some viewers as they explore the scene
- If you need to move, get a remote dolly or try building one with an old RC car
- Panning is also a big no. Let the viewers explore themselves

**Record each scene for an average of 2  
minutes**

**Different situations will require different rigging options. Know your scene**

Editing

**You don't need a special software to edit 360°  
video!**

## Just remember:

- You project size should be 1920 x 960 (regardless of what software you're using)
- Text and images work a little different inside 360° video
- You'll need plugins or a software to add those seamlessly
- If you don't want to get into that:
  - Place your text/image at the centre of your video

# MANGHOPIR THE CROCODILE SHI



Sample text and logo placement



# Plugins and other software for 360° editing

- Magix Movie Edit Pro
- Mettle's Skybox tools for Premier and After Effects


**Hosting for your 360° video**

**Facebook**

# Facebook

- Supports both 360° images and videos
- Working on Live for 360°
- Lets you create a guide for your video

# Facebook

 Say something about this video


Basic

Captions

Advanced


**360 controls**

Crossposting




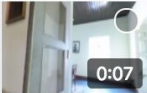
Click to add a point of interest at this time

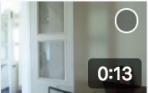
+ Add Point



**Edit or remove points of interest** ⓘ  
Choose a thumbnail to edit the point of interest. To delete, use the checkmarks then click Delete Points.

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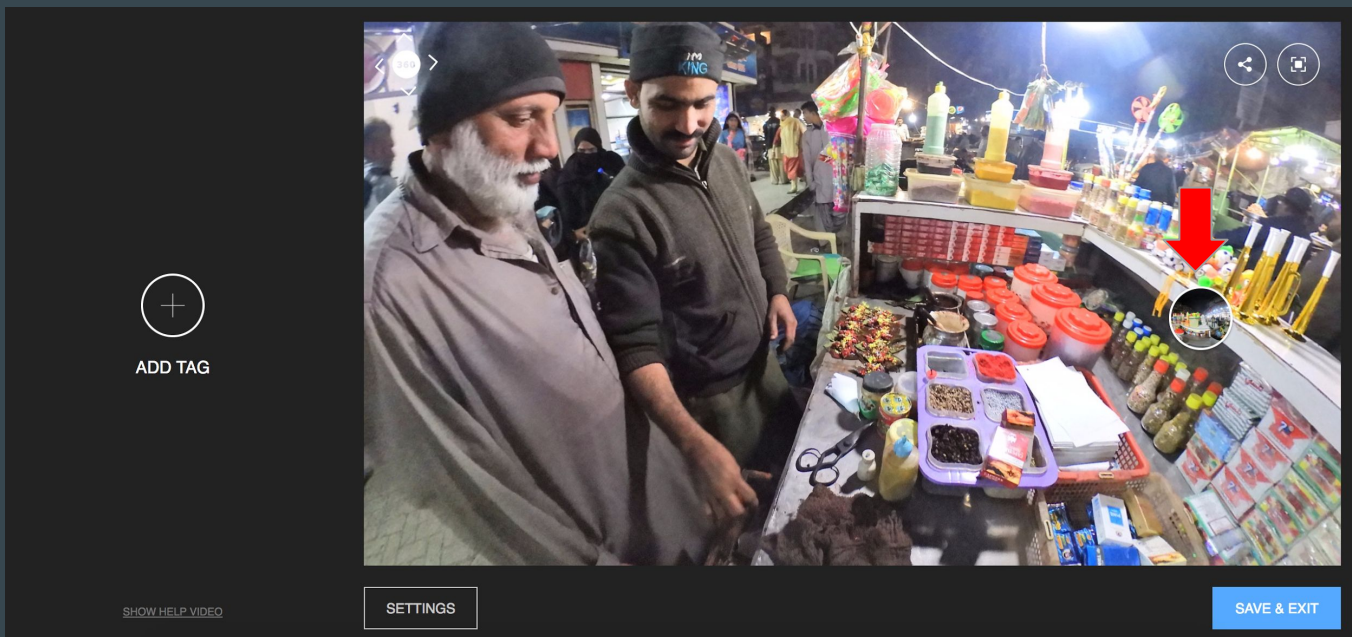
 0:13

**YouTube**

ThingLink

# ThingLink

- Add hotspots in your 360° images and videos





Thank you

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