

SAMSUNG

Presenting the 360 camera that gives you more.



360 Round

The true 4K 3D 360-degree camera for high-quality VR content creation and low-latency live streaming.

360 degrees is only the beginning. The Samsung 360 Round is a commercial-quality camera that offers features even cameras costing thousands more don't offer. The IP65 rating lets you shoot in virtually any weather. The unibody construction with fixed lens pairs allows for factory calibration with incredible accuracy and realism. The f1.8 lenses and 11.7 stops (70db) of dynamic range capture greater details in low-light environments. Stitching will be more accurate, footage will be sharper, live streams will be more accurate. It's the Samsung 360 Round.



Designed to deliver.

17 lenses deliver ultimate 360 3D. The Samsung 360 Round uses 8 stereo pairs of lenses plus a top lens, instead of using 8 individual lenses. The result is ultra-realistic 3D spheres with incredible depth.

Sleek and simple uni-body design. The sleek housing with fixed lenses make precise factory calibration possible, for higher stitching quality. Six directional microphones are integrated for perfect audio/video sync. And all data can be saved to a single SSD or SD card.

Reduced size, weight and noise. The Samsung 360 Round features cooling technologies that allow us to eliminate the fan, which improves audio quality and adds mobility.



Not all 360 content is created equal.

Superior 4K 3D. With pairs of cameras, the 360 Round delivers superior images and sound. Resolution is 4K x 2K per eye, or 4K x 4K total. That's twice the resolution of single-camera designs.

Spatial audio to match existing standards. The six integrated microphones capture spatial audio and encode into standard 5.1 channels.

Real-time streaming virtually without hesitation. Low latency of 1.7 seconds on average delivers a more impactful live video experience. Viewers can experience 3D streaming with a 360°/350° horizontal/vertical view.

Shoot, stitch and send with one-step stitching. Shoot it and stitch it immediately with Samsung's stitching software, then broadcast it immediately. Or export it to your preferred third party software.



Made for easy operation in every environment.

IP65 means dust and rain won't stop you. The 360 Round offers IP65 protection against dust and water. It's the world's first professional 360 camera to let you keep shooting in less-than-ideal conditions, even among cameras costing thousands of dollars more!

The 360 Round is capable of even more. Insert an SDI card, and you can live stream through multiple cameras and broadcasting equipment with no additional encoding/decoding required. All frames are timecoded for ease of 3D sync within existing broadcast workflows. The 360 Round also supports external SSD, battery packs and microphones.

All the angles. All the control. An easy control interface gives you previews and playback at your fingertips, along with manual stitching, seam line adjustment, spot metering and much more.

Contact Us: samsung.com/wearablesforbiz

360 Round



360 Round	
Color	Meteor Gray
Dimensions (mm / in.)	205 x 205 x 76.8mm / 8.1" x 8.1" x 3"
Weight (kg / lbs)	1.93kg / 4.3 lbs
Operating System	Tizen
Power / Power Adapter	AC Adaptor (19V/2.1A) / Input: 100-240 VAC, 50-60 Hz, Output: 19 VDC, 2.1 A
AP	SEC's Proprietary AP x 5 Ea
Memory	UHS II U3 Read 150 MB/s Write speed 80MB/s or more Maximum supported: Up to 512 GB
Tripod	Connected screw: 0.4 inch Bearing weight: 2 lbs Minimum height: 5 ft
LAN cable	Cat6a, 0.2 inch in diameter and under 328 ft long
Display	1.54" PMOLED
Image Sensor	(1/2.8", 2M) x 17 Ea
Connectivity	LAN x 1 Ea, USB Type-C x 1 Ea
Sensor	Gyro, Accelerometer
Microphone / Speaker	6 MICs (3D Sound), 1 Speaker
Water Resist	IP65
Computer (for stitching)	Operating system: Windows 10 Professional or above, 64 bit CPU: Intel Core i7-6700 K or above Graphics card: NVIDIA: GTX 1080 1 each or more RAM: 16 GB DDR4 RAM 2 each or above Power: 850 W
Computer (for preview and live stream)	Operating system: Windows 10 Professional or above, 64 bit CPU: Intel Core i7-6950 X or above Graphics card: NVIDIA: GTX 1080 Ti 2 each or more RAM: 32 GB DDR4 RAM 2 each or above Power: 1,600 W
PC Software	Controller (360 Round), Viewer (360 Round Viewer) are Provided

Device Layout

1. Camera
2. Selection Button
3. Power On / Off
4. LAN
5. Power Input
6. MIC 1 / MIC 2
7. SD Card Slot
8. USB Type C Port
9. 360 3D Cameras (x17)



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