

360 CAMERA FRAME

END USE PART — Radiant Images prints the entire frame of the AXA 360 camera rig with Markforged.

PRECISE FITTINGS — The frame consists of high strength polygonal brackets bolted together at an angle.

REPLACING METAL — The printed composite parts replace aluminum and are lighter and faster to produce.

MASSIVE SAVINGS — Radiant Images prints frames **3x cheaper** and **4x faster** with Markforged technology.

The 3D Printed Parts



INTEGRATED CAMERAS

Radiant Images mounts 12 cameras onto each AXA 360 rig. Each camera is held in place with a Markforged printed bracket.

COMPLEX INTERFACING

More than 30 Markforged printed parts comprise each AXA 360 frame. Each frame piece is bolted to at least five other printed parts.

Multibody Construction

The AXA 360 camera system allows film creators to record seamless, high-quality, 360 degree video.

Before using Markforged, Radiant Images outsourced machined 7075 Aluminum frames — a process that was both slow and yielded a heavy rig. By printing the frame in-house out of Onyx and Carbon Fiber on their Markforged Industrial Series printer, Radiant Images builds lighter rigs faster than they could before.

	CNC MACHINED	MARKFORGED	SAVINGS
Fabrication Time (per bracket)	48 hrs	11 hrs	77%
Part Weight	137g	51g	63%