

# advances in

## PAN-TILT-ZOOM CAMERA SYSTEMS



CANON BU-50H REMOTE-CONTROL PAN-TILT-ZOOM HD CAMERAS  
CHOSEN FOR NEW VIDEO SYSTEM AT A PROMINENT HOUSE OF WORSHIP

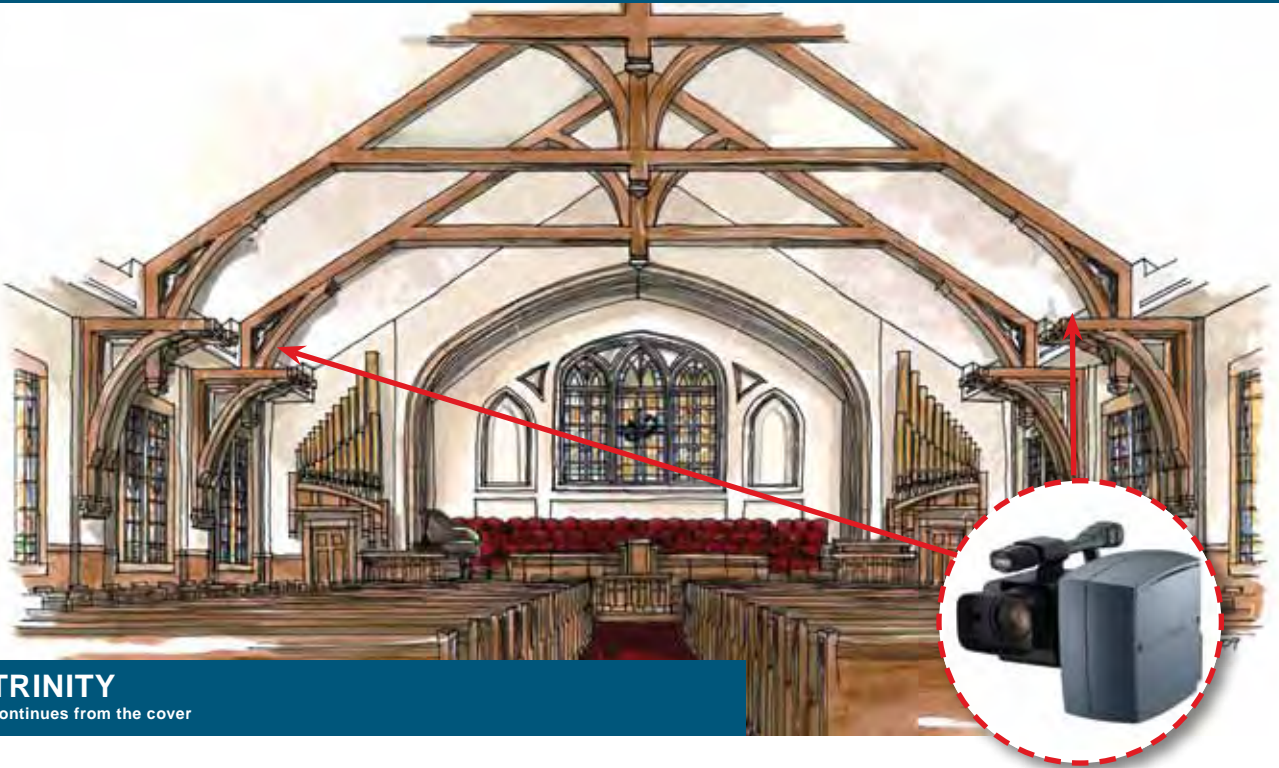


Trinity on the Hill United Methodist Church in Augusta, Georgia, has totally renovated its 50-year-old building. In addition to its beautifully appointed new sanctuary, new exposed-truss ceiling, new choir loft, and original stained-glass windows, the church also now features five strategically placed (but very inconspicuous) BU-50H remote-control PTZ (pan-tilt-zoom) 16:9 aspect ratio HD cameras from Canon, a leader in digital imaging. The cameras will be used for high-quality HD capture of church services for broadcast, cable, and Internet distribution, as well as for image magnification and wedding videography.

“As part of the renovation,

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**Canon**  
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**...TRINITY**  
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we removed the church's entire 1972-era analog television system," said Tom Greene, Trinity on the Hill UMC's director of television ministries. Greene added that the church hired Blue Hat Design of Norcross, Georgia to plan and install its all-new digital HDTV system, which will include a control room, fiber-optic routing system, and the five Canon BU-50H remote-control cameras. Blue Hat's initial work on the project included installing the first three Canon BU-50H cameras in a temporary worship center to accommodate the congregation during the church renovation and rebuild.

"The gym on the Trinity on the Hill UMC campus has been carpeted and a big riser stage has been built in it," Greene explained. "That's where services are held. We are on the air every Sunday on a local TV station and on cable three times a week. The three Canon BU-50H cameras we're using are rock-solid. You turn them on, they make beautiful images, and they do everything they're supposed to do in conjunction with our Telemetrics remote-control systems."

Canon's BU-50H is designed with a non-proprietary control protocol. Users and system integrators can interface the BU-50H with their own control system or one from a leading third-party provider for remote operation of the camera's pan/tilt system, lens, and video functions. Designed for quiet operation, the BU-50H features a maximum noise level of NC30 and is well-suited for use in such indoor environments as houses of worship.

"My personal feeling about televising church services is that the cameras should be invisible," Greene confided. "Our old video system included two big cameras operated by volunteers standing on platforms in front of the congregation. That can be distracting. The BU-50H cameras, however, don't draw much attention and don't bother anybody because they're not obvious."

"I can't say enough about the smoothness of the operation of these BU-50H remote-control cameras," Greene added. "In a project like this, you certainly want to have something you can rely on and are happy with. Canon makes solid cameras, and always has. Plus, when it comes to lenses I prefer Canon."

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*Tom Greene, director of television ministries,  
Trinity on the Hill UMC*

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