

# THEME PARK

CASE STUDY

HALL

HOSPITALITY &  
ENTERTAINMENT



## Complete AV over IP Solution

Hall Technologies got to meet the challenge when an AV Design Engineer contacted us regarding their need to deploy an AV over IP Solution to multiple theme parks.

## Challenge

The AV Design Engineer not only wanted to distribute the video, but he also wanted to control the remote displays, which only support serial commands. His ambitious design involved extending over 100 video sources to 500+ remote displays over multiple theme parks on his 10G Network.

## Solution

Using the FHD264 we were able to solve the video extension problem, his requirement for controlling the remote displays using RS-232 was only partially satisfied with the FHD's default behavior. The problem was not in sending the commands to the remote displays, it was at the receiving end where differentiating the responses back from multiple displays was not separated. He expressed his concern back to the HT Support team and they promised to solve his problem with a firmware update. In the next couple of days, the Hall Technologies Engineering team developed new modes in both the encoder and decoder to solve this problem. These modes not only satisfied his needs, but also added more advanced features to alleviate any future problems that he may not have anticipated.

# Results

The customer was able to install the system he had designed and Hall Technologies was able to address an unforeseen issue which allowed them to improve the firmware to be installed on all new models.

# Featured Products

Model	Description	Image
<p><b>FHD264-S</b></p>	<p>The FHD264 is a family of HDMI over LAN Senders (encoders) and Receivers (decoders) utilizing advanced video encoding techniques in order to distribute up to 64 Full-HD video signals to hundreds of displays on a simple 1 Gigabit local area network(LAN).</p>	
<p><b>FHD264-R</b></p>	<p>The FHD264 is a family of HDMI over LAN Senders (encoders) and Receivers (decoders) utilizing advanced video encoding techniques in order to distribute up to 64 Full-HD video signals to hundreds of displays on a simple 1 Gigabit local area network(LAN).</p>	



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