

# Simple On-Board Train Video

by Del Tapparo

On-board train video is nothing new. It just used to require some specialty equipment to achieve it. But now days, video cameras are everywhere, in every size, and low cost. You can now have it with off the shelf equipment.

The camera I am using here is the "YI 1080P Home Camera ", which is available on Amazon for \$30.99, free shipping with Prime. As shown in the photo, it is 4.5"H, base diameter of 3.15", and camera diameter of 1.8". When sitting in my gondola car, the top of the camera is 7" high from the rails.

The camera is powered via micro USB, so it can be powered from any standard USB power bank. Place the



camera and power bank on a flat car or gondola, and you are ready!

The camera will send real time video and audio to an app on your phone, or to a PC, via WiFi and the internet. You can record video and snap shots.

Some applications: Make a video tour of your railroad to post on YouTube or social media. Display the on-board video at a train show using a laptop.

There are some other functions you may find useful; Motion detection, "Baby Crying" alerts, and night vision. You may find other uses around the house. And of course it is a security camera, so you can have a bunch of them around the house to keep an eye on things. Have fun !

