

# Roomcast™

## NETWORKING

There are three primary internet connection setup methods:

- (1) Roomcast PAN mode (WIRED). In this mode each Roomcast uses its integrated wireless access point to generate a Personal Area Network (PAN) via a unique WiFi connection in each guestroom (e.g. room 101 has a WiFi network name of Room101) and the guest joins this network using the unique/dynamic password that Roomcast displays on the TV screen. This method requires a wired internet connection. A wired connection provides a more reliable, higher-quality streaming performance while reducing the impact to guest WiFi network performance.
- (2) Roomcast BRIDGE mode (WIRELESS). This method is identical to the first method, but utilizes a wireless connection to the hotel network. While a wired port is always recommended as the most favorable connection, this method is ideal for hotels that simply do not have a wired port available in the guest room.  
**NEW - estimated time of availability is Fall 2017.**
- (3) Roomcast CLIENT mode. In this mode Roomcast is configured as a client on a 3rd party generated PAN. In this method each Roomcast box will connect to a wired or wireless VLAN and guests will be assigned the same VLAN for their room during the authentication process. While a purely wireless connection is made possible in this case for hotels that lack a wired port in-room; a wired connection to the VLAN is strongly preferred where possible. As a client or end-point device; Roomcast is entirely removed from the internet delivery infrastructure. This clears a key concern for some enterprise customers; where specific network equipment and configurations are enforced brand-wide.  
**NEW - estimated time of availability is winter 2017/early 2018.**