

# Wireless Communications

Wireless communications require a transmitter and receiver. The transmitter is typically mounted on the building and directed towards the receiver at the sign. Wireless devices have a standard distance limitations of 1,000 foot. Signal enhancement equipment (boosters) can increase that distance at an additional expense. Wireless devices rely on radio waves to send signals from the transmitter to the receiver. Line-of-sight between the wireless devices is required to make a reliable connection.

## Pros:

- Provide communication to the signs without the expense of installing conduit and cable.

## Cons:

- Subject to interference from other wireless networks in the area.
- Requires customer to run ethernet cable inside their building to connect the transmitter to their network.
- Must have an unobstructed line-of-sight from the building to the sign.
- 1,000 foot distance limitation.