



SMART CROSSWALK PORTFOLIO

Vulnerable road user safety starts with the proper countermeasures — which is why it's crucial to provide pedestrians with access to highly visible, designated crosswalks.

TAPCO's Smart Crosswalk Portfolio offers customizable crosswalk systems designed to create a safer crosswalk environment for all road users, capturing driver attention and encouraging them to stop or yield through your choice of activated enhancements. Our portfolio is highly customizable, allowing you to choose the right add-ons for your crosswalks, from RRFBs and crosswalk illuminators to passive detection. Additionally, our smart city software, Smart Hub is included with each crosswalk to provide streamlined system management.

DID YOU KNOW?

You can increase driver yield rates by as much as 98% with RRFBs.

[According to an analysis of the efficacy of RRFB LED beacons to increase yielding to pedestrians using crosswalks on multilane roadways in the city of St. Petersburg, FL]

Vulnerable Road User
Brochure



ENHANCEMENTS

CAMERA

Upon system activation, the crosswalk's camera immediately starts capturing visual verification of the event for later review — informing future decision-making and confirming safety measures are working as intended.

PASSIVE DETECTION

Automatically detect pedestrians in and approaching the crosswalk. The radar-equipped detection differentiates between vulnerable road users and vehicles for enhanced accuracy, working with the system's smart activation to trigger all safety enhancements.

DID YOU KNOW?

On average, only 28% of pedestrians press the push button at a crosswalk.

[NACTO]

SAFEWALK®

Providing crosswalk lighting in up to four lanes, SafeWalk® maximizes crosswalk visibility by illuminating pedestrians in the crosswalk.

DID YOU KNOW?

Drivers are more than 3x as likely to yield to pedestrians with continuous crosswalk lighting or triggered illuminators.

VIZMARK®

By illuminating crosswalk, stop or yield lines when activated, VizMark® helps enhance visibility of vulnerable road users at night.



SMART HUB

MANAGE ANY SYSTEM

TAPCO's smart city platform, Smart Hub, offers streamlined management of all crosswalk systems in your network. With capabilities like status and health monitoring, system scheduling and data collection, it's possible to keep track of your systems from anywhere.

ADJUST LIGHTING

Remotely manage crosswalk illuminators in your network with Smart Hub. With adjustable lighting levels and lane coverage, Smart Hub allows you to make quick changes to any deployed SafeWalk® Crosswalk Illuminator.

CUSTOMIZE ZONES

With Smart Hub, easily configure your passive detection zones to meet the unique layout of any crosswalk. All crosswalks equipped with our passive detection technology can be quickly customized within our platform.

CAPTURE EVENTS

Once captured, all still images and downloadable video clips are available for review in Smart Hub. Plus, capture images on-demand to visually verify anything from the angle to current crosswalk conditions.

