



# FAST FOOD CHAIN TAKES INDOOR WI-FI OUTDOORS IN RESPONSE TO COVID-19 PANDEMIC

Restaurants across the U.S. have modified their business operations to keep their diners and employees safe during the COVID-19 pandemic. In addition to taking indoor precautions, an 800-store fast food chain based in Texas also wanted to extend their Wi-Fi networks outside to their parking lots to ensure customers could connect to the Wi-Fi while in their cars for ordering and entertainment.

## CHALLENGE

The restaurant chain already deployed Meraki MR70 Wi-Fi access points (APs) to cover the indoor dining areas. RF signals do not travel far outside of the deployment area, so the outdoor network performance was poor. The challenge was to deploy the MR70 APs outdoors to provide high-performance Wi-Fi while maintaining aesthetics and protecting the AP from ultraviolet (UV) rays and possible tampering.

## SOLUTION

One viable option was to deploy the MR70 AP in a NEMA-rated enclosure to protect it from harsh weather and tampering. While this solution is highly reliable, it did not meet aesthetic requirements. After working closely with Meraki and the restaurant chain, VenteV developed an aesthetically-pleasing solar shield for the MR70 AP to meet the customer's need.

The solar shield fits snugly around the AP, has drainage slots to prevent water build up, is UV-resistant, and RF-transparent. Constructed of rugged polycarbonate, it protects the AP from weather, impact, and tampering, and the slim form factor keeps the equipment inconspicuous to help maintain the restaurant's exterior aesthetics.

The restaurant chain management was pleased with the economical solution for providing outdoor Wi-Fi to their customers and has already begun deploying the solutions to all their locations.



## PRODUCT SOLUTION

**Solar Shield for Meraki MR70:**  
<https://ventevinfra.com/product/solar-shield-for-meraki-mr70/>

*MFG PART#: VNV-SOL-MR70*

*Tessco SKU 224910*