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COMMUNICATIONS

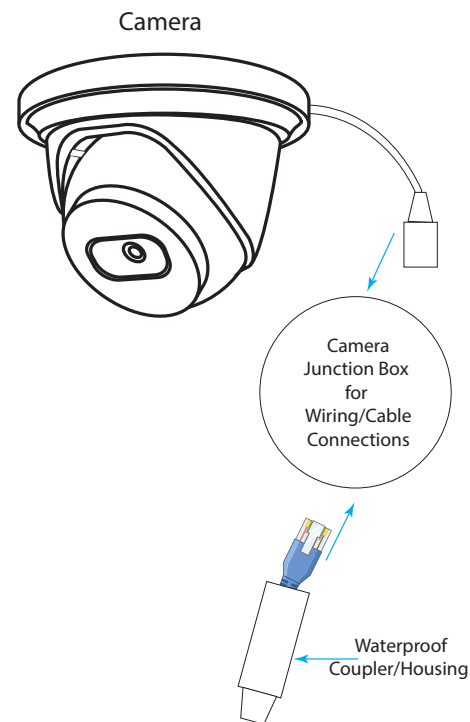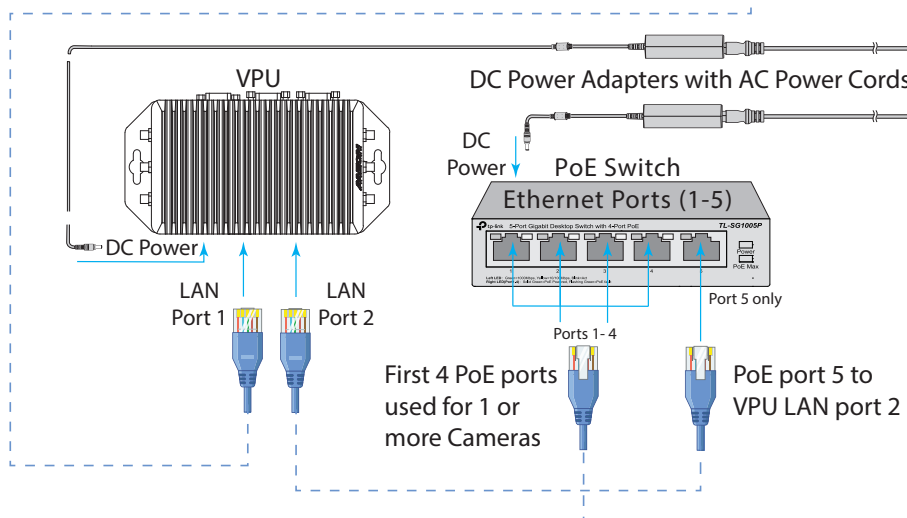# ZOOM Nitro® Vision AI
QUICK REFERENCE INSTALLATION GUIDE

Wiring Configuration
(standard)

ZOOM Nitro System

Internet /Cloud

Store Network Switch

Camera
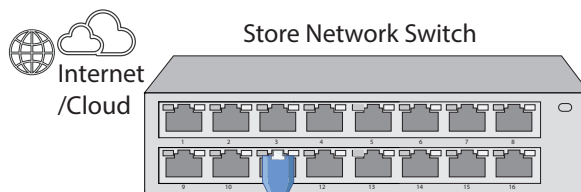
This is an existing connection

Power Outlet

Camera Junction Box for Wiring/Cable Connections

VPU

DC Power Adapters with AC Power Cords

DC Power

PoE Switch

Ethernet Ports (1-5)

tp-link 5-Port Gigabit Desktop Switch with 4-Port PoE TL-SG1005P

DC Power

LAN Port 1

LAN Port 2

Port 5 only

Ports 1- 4

First 4 PoE ports used for 1 or more Cameras

PoE port 5 to VPU LAN port 2

Waterproof Coupler/Housing

Note: Components are not drawn to scale and are only representations (may differ to actual components)

INSTALLATION INSTRUCTIONS

1. **Introduction > What's in the Box**: Check the sales order and packing slip against the contents you received to ensure you have everything you need. Contact HME if missing parts.
2. **Installation > Before You Begin**: Determine where the camera will be placed and the routing path for the cable above the ceiling tiles and for the other cables connecting all the other components like the PoE switch, VPU, and Network Switch.
3. **Installation > Install All System Components & Connect All System Components**: Install the camera first and then other components. Run the camera Ethernet cable to where the VPU and PoE switch are installed. The camera connects to any of the PoE switch ports 1 - 4. Port 5 connects to LAN port 2 of the VPU. LAN Port 1 of the VPU then connects to the store's network switch. Power on all components.
4. **Installation > Verify or Adjust Camera View via ZOOM Nitro**: Connect a USB mouse (type A) to the vacant USB port on the ZOOM Nitro CU60. Log in and go to DETECTORS > Camera. Enable the VPU and Refresh camera preview. Adjust camera angle if necessary.
5. **Installation > ZOOM Nitro Setup, Drawing, and Configuring Zones**: While still in DETECTORS > Camera, enable and draw zones to configure the system to use Vision AI.
6. **Installation > Vision AI Detector Mapping on ZOOM Nitro**: Go to "CAR DETECTION SETTINGS," choose the "LANE DETECTORS" tab to map the Detector(s) to the appropriate Processor(s) for a drive-thru lane or the "INDEPENDENT DETECTORS" tab to do so for mobile spaces. Also adjust "DASHBOARD SETTINGS" if needed and verify that the main dashboard is now displaying vehicles detected by the camera.

Each of the above steps in bold is a section or sub-section heading in the full Installation Guide posted online. Please use the URL link or QR code on this page to locate the guide online. Then, reference these sections for more detailed installation instructions.

EXAMPLE OF CAMERA DRIVE-THRU ZONES AND MOBILE SPACES
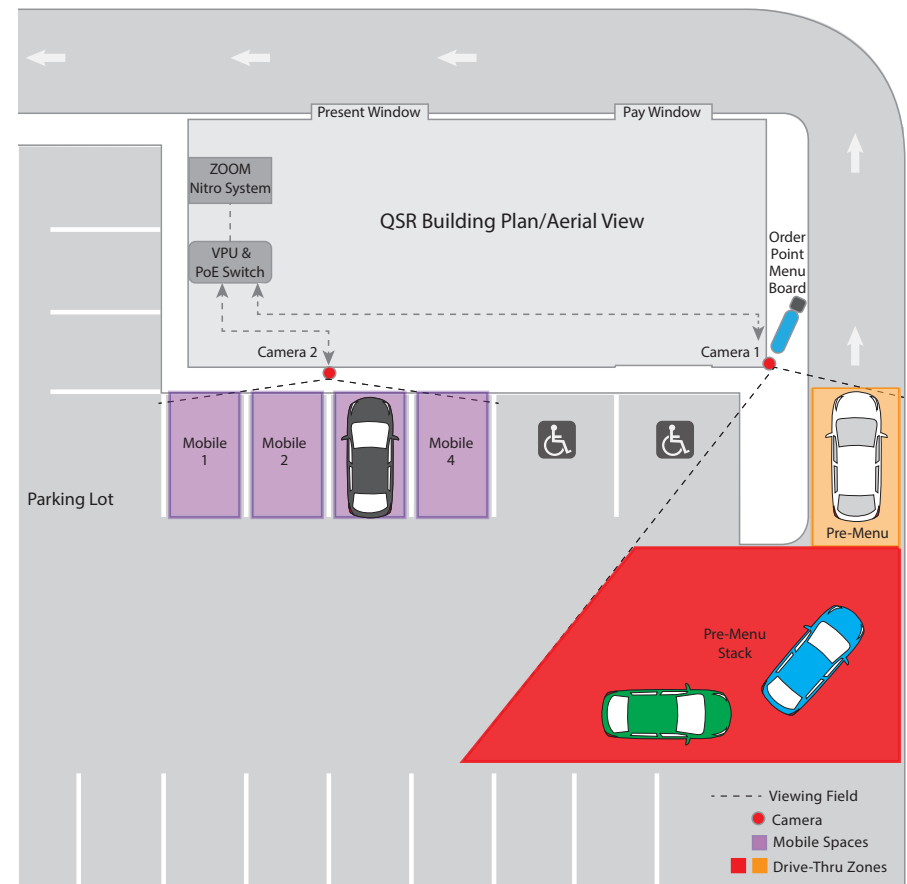
The full installation Guide for ZOOM Nitro Vision AI is located on the User Manuals page of the HME website under Drive-Thru Timer Systems > ZOOM Nitro. To access this page, scan this QR code or use this link:

https://www.hme.com/qsr/drive-thru-user-manuals/

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