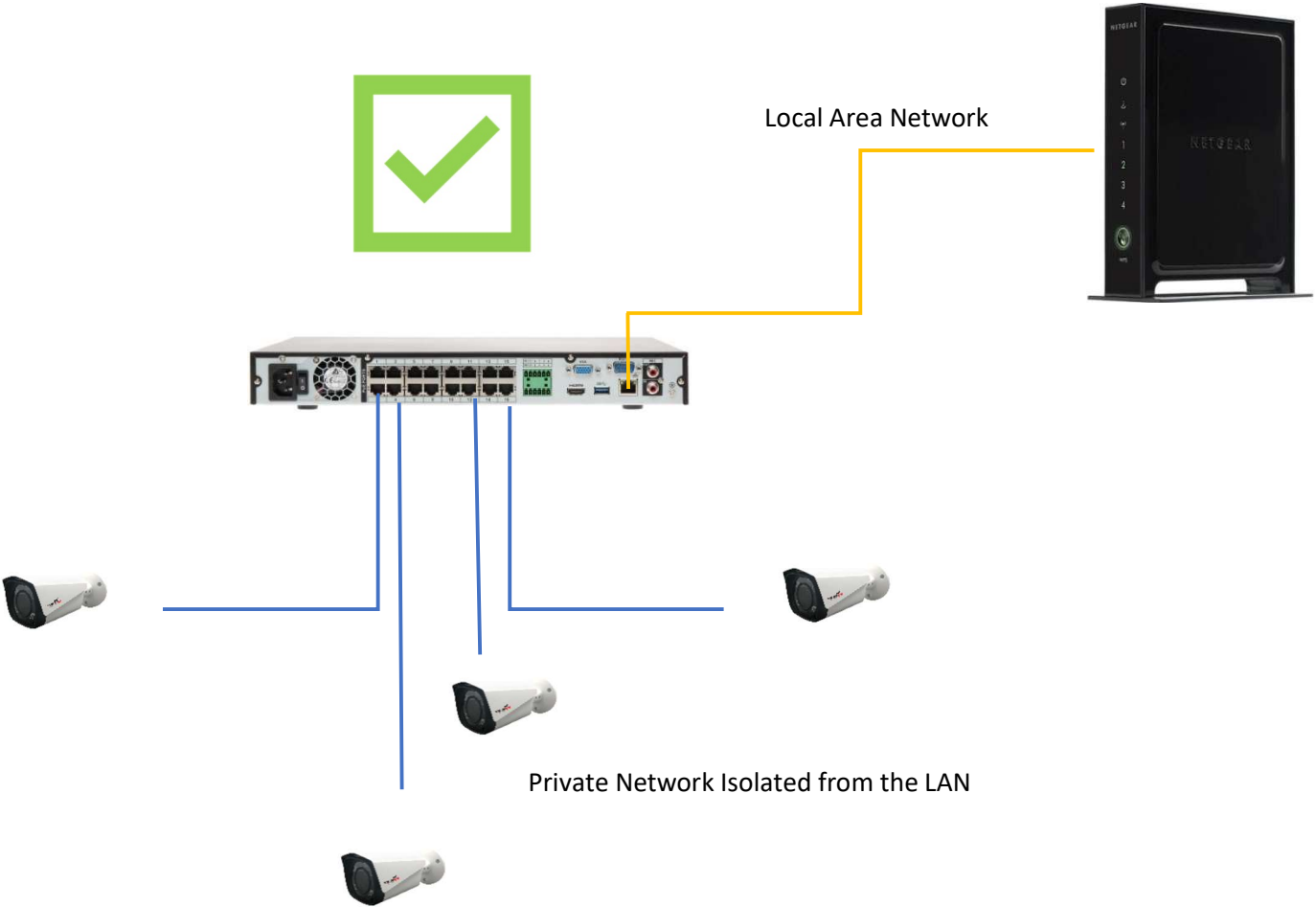


TOUGHDOG NVRs RECOMMENDED CONNECTION DIAGRAM



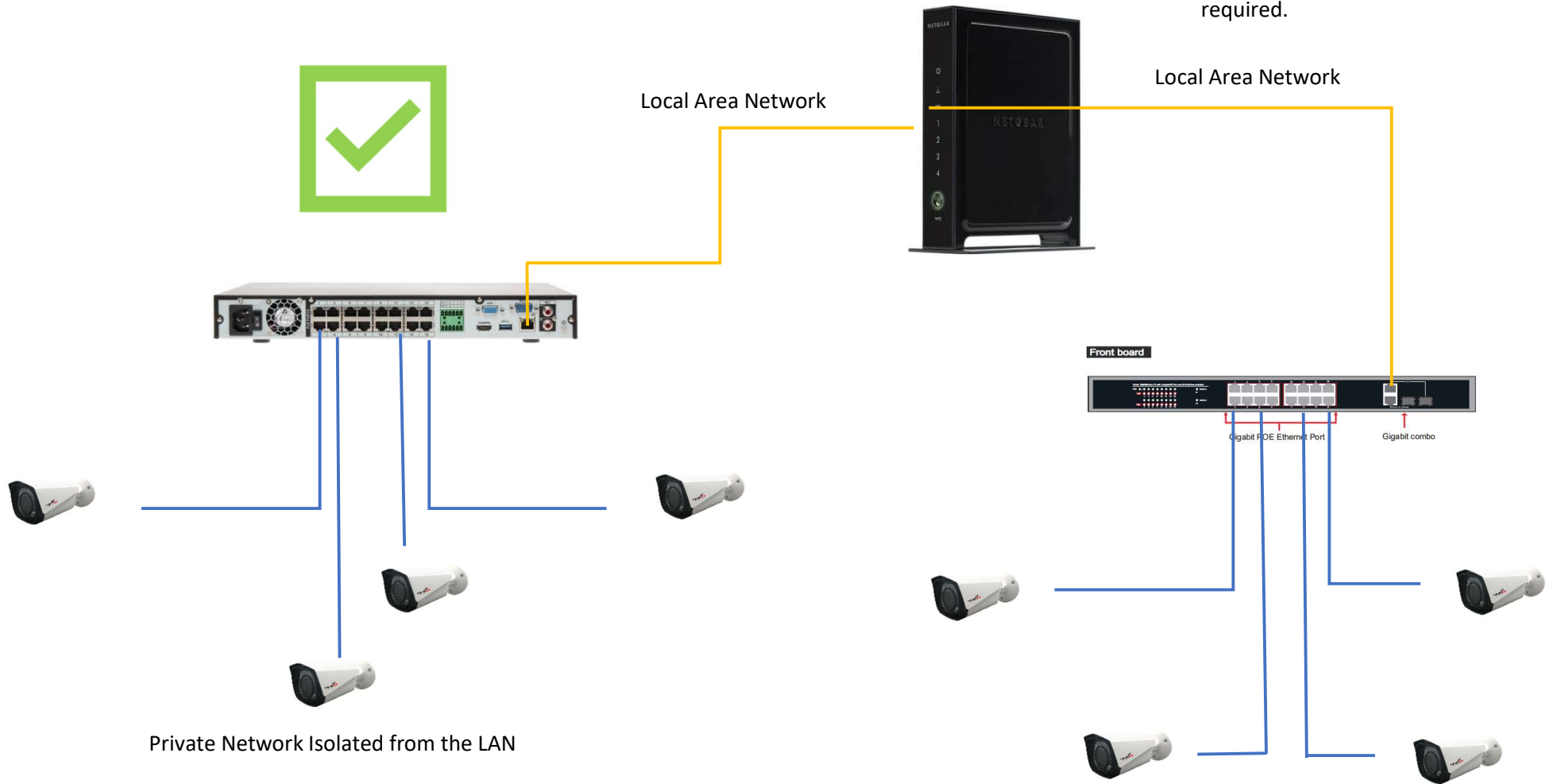
Local Area Network

Private Network Isolated from the LAN

TOUGHDOG NVRs RECOMMENDED CONNECTION DIAGRAM



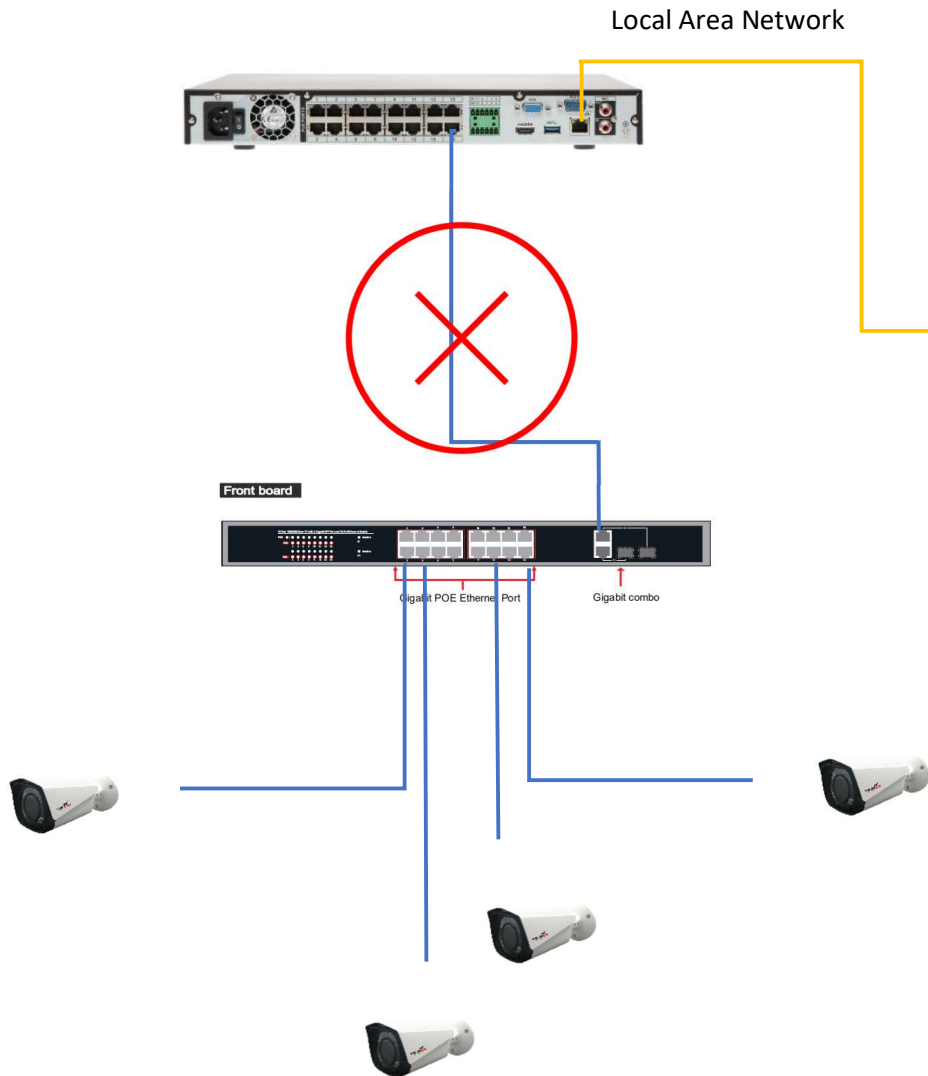
The cameras connected to the PoE switch will have IP addresses from the LAN. Additional steps required.



Private Network Isolated from the LAN

Local Area Network

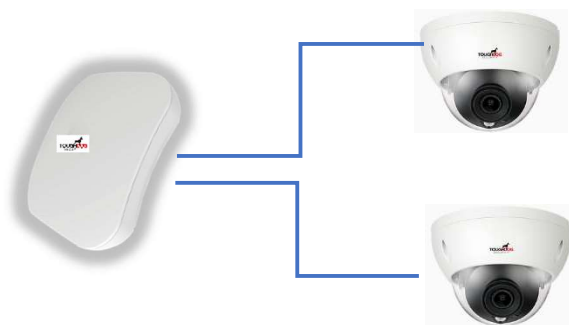
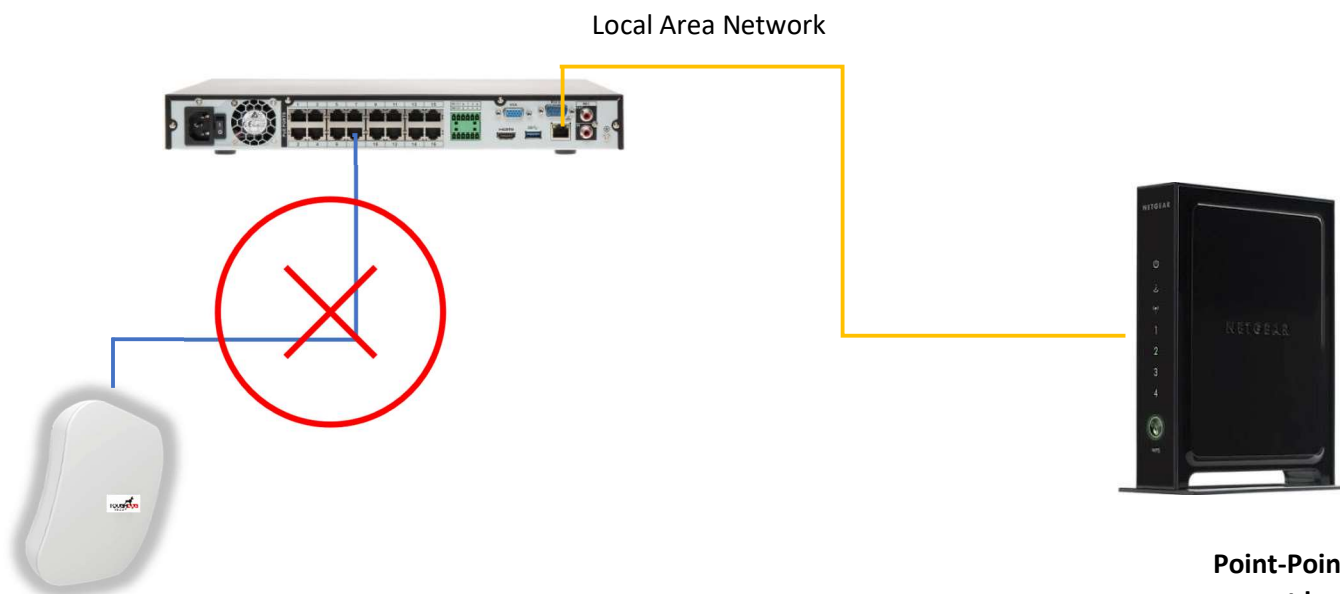
TOUGHDOG NVRs WIRING **NOT** RECOMMENDED CONNECTION DIAGRAM



PoE switches cannot be connected to the Back of an NVR for the following reasons.

- 1.-Every internal port was designed to power up and bandwidth for a single camera.
- 2.-recorder cannot recognize cameras over this configuration, (plug and play function lost).

TOUGHDOG NVRs WIRING **NOT** RECOMMENDED CONNECTION DIAGRAM



Point-Point or Point-Multipoint configuration cannot be connected to the back of an NVR for the following reasons:

- 1.-Every internal port was designed to power up and bandwidth for a single camera.
- 2.-recorder cannot recognize cameras over this configuration, (plug and play function lost).
- 3.-A power issue either on the recorder or antenna will happen eventually.