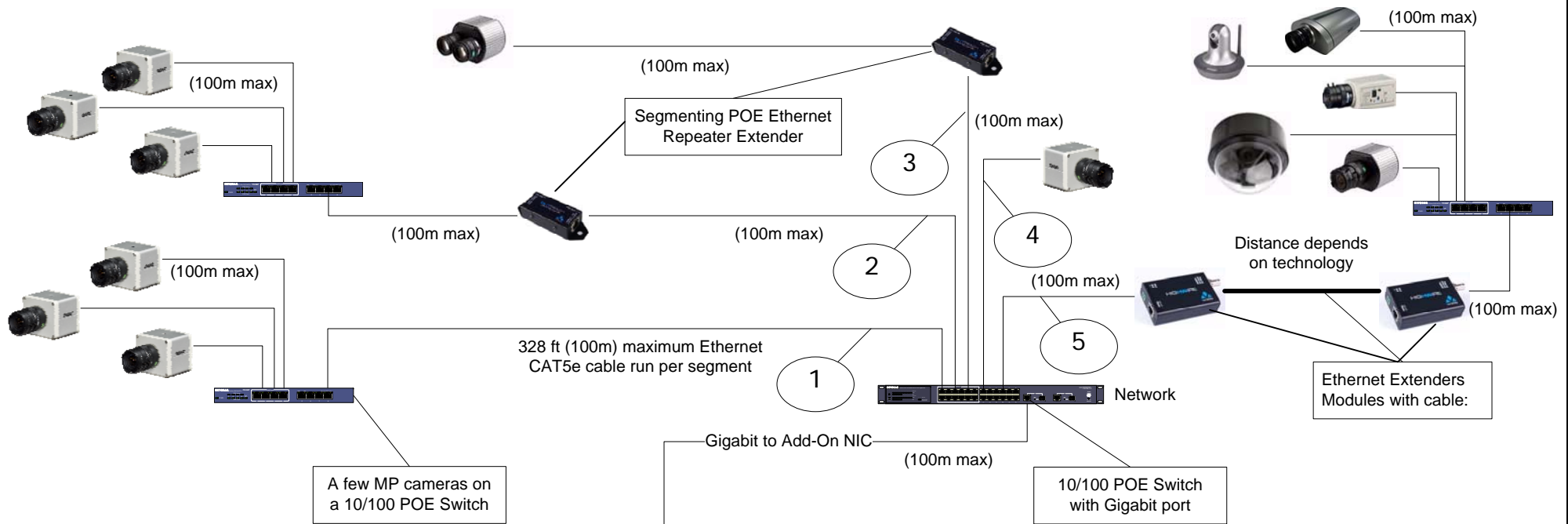


ZNR Sever System with ZNS NVR Software



328 ft (100m) maximum Ethernet CAT5e cable run per segment

A few MP cameras on a 10/100 POE Switch

10/100 POE Switch with Gigabit port

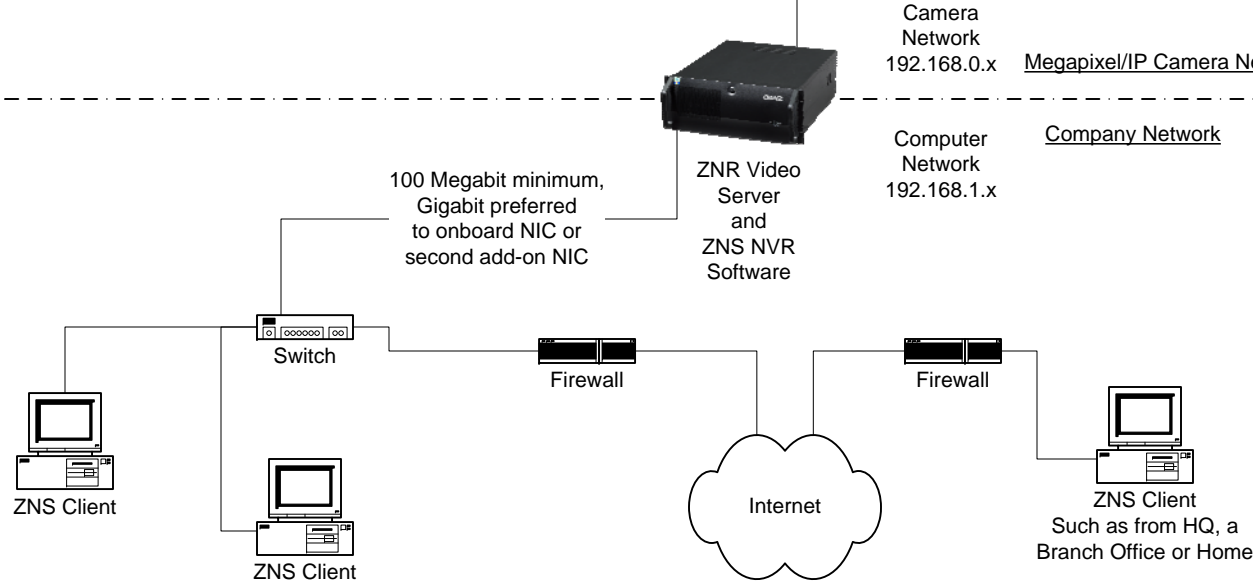
Ethernet Extenders Modules with cable:

Camera Network
192.168.0.x Megapixel/IP Camera Network

Computer Network
192.168.1.x Company Network

Camera Network Branch Types

- ① Single Switch: 300m Max from Video Server to Cameras.
- ② Single Switch with POE Ethernet Repeater: 400m Max
- ③ One POE Ethernet Repeater: 300m Max
- ④ Normal POE Camera setup: 200m from Server.
- ⑤ Ethernet Extender Modules with Cable:
Max Distance for each Cable Type:
CAT5e: up to 1800m ~100Mbps
Coax: up to 300m ~100Mbps
Fiber optic: up to 1.6 miles ~10Gbps



DATE: April 10, 2009

COMPANY NAME: CBC America Corp.

NOTES:

Designed By: Mark Stollenwerk

FileName: ZNSServerSystemBranches