CAT5 Breakout

Introduction

The CAT5 Breakout allows the use of standard CAT5, 5e or 6 to have full 10/100mbs Ethernet LAN and also the addition of Video and Telephone or Power through the same cable via the proper connector and wiring. This ideal solution to home wiring for LAN, telephone, door phone or front door video with low voltage power.

Specifications

RJ 45 - 10/100mbs Ethernet LAN 300 ft
RJ45 - Telephone 3000 ft or Power 12-52 V AC/DC
BNC Video 1500 ft
RJ45 CAT 5, 5e or 6 Cable

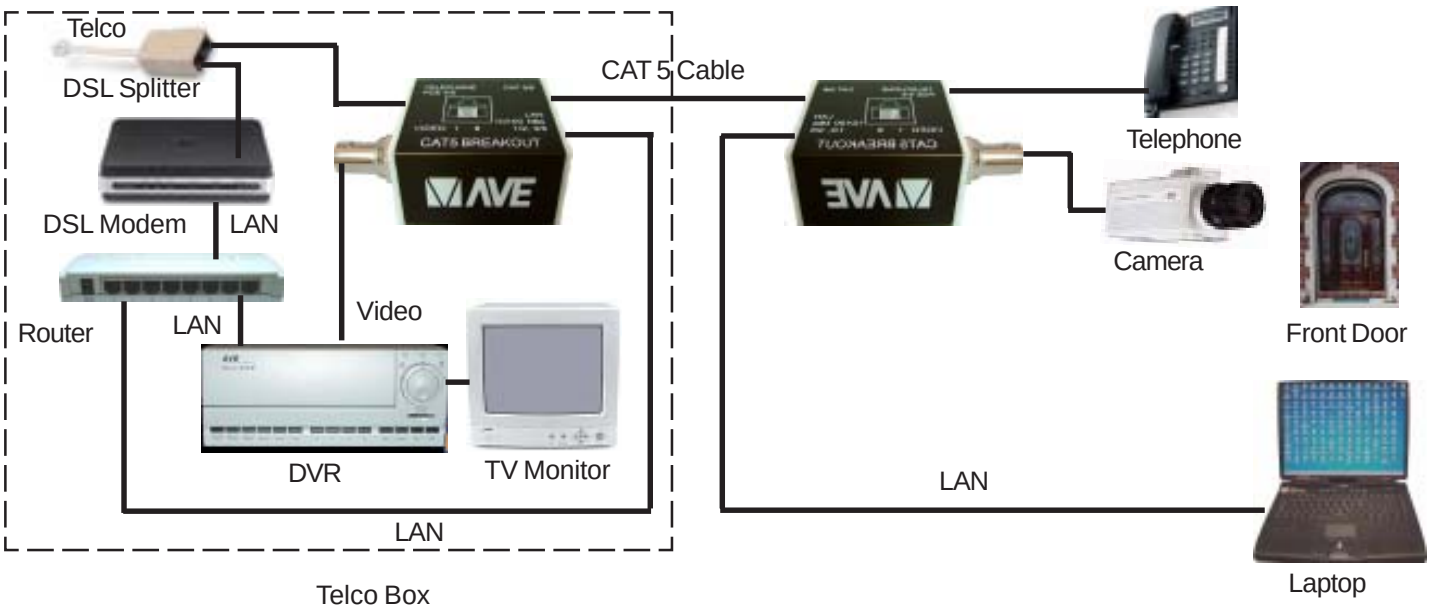
CAT 5 Cable Pin Out
LAN - 1/2, 3/6
(Note: Not compatible with some POE devices)
Telephone or Power - 4/5
Video - 7/8

Applications

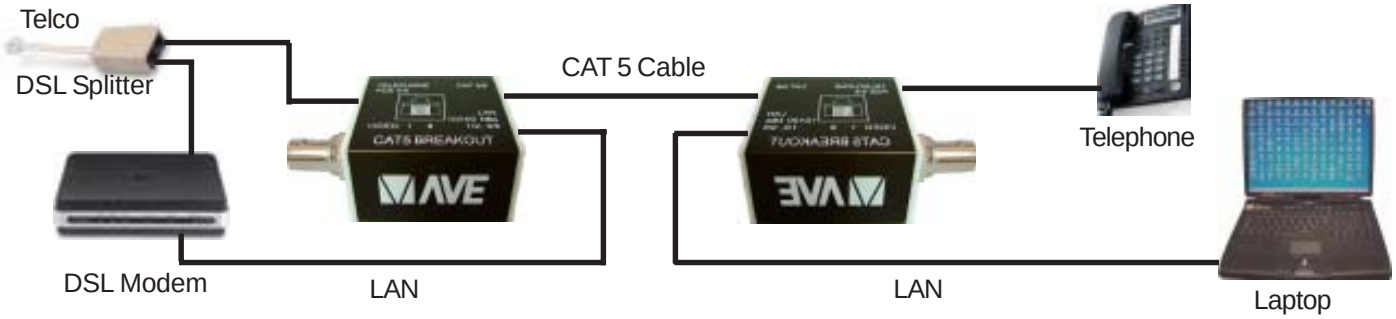
The video on the CAT5 cable is compatible with the entire AVE line of UTP products such as the UTP-1500, Hubs or Active Recievers. Therefore if the telephone / power port is not used then you can add another video camera using the UTP-1500.

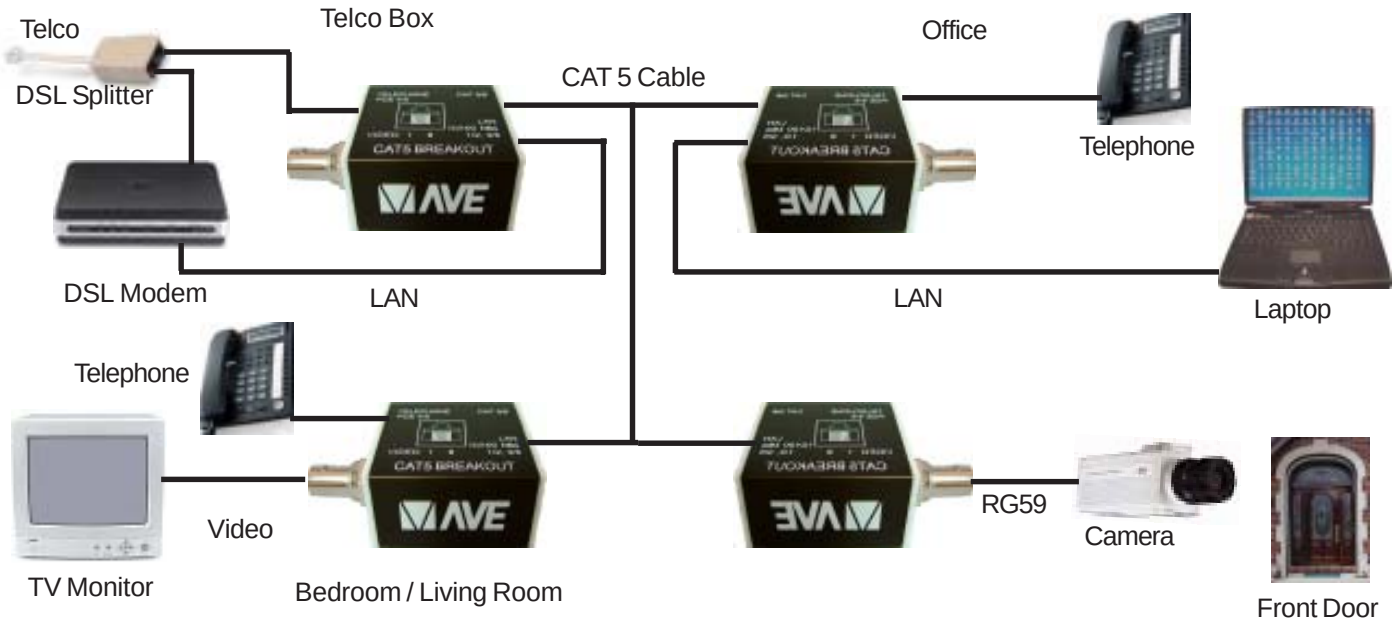
The telephone /power connector is an RJ45 but any RJ11, RJ12 or RJ45 will fit into the connector. Pin 4 Tip and Pin 5 Ring only. If a second line is used then no connection will be made to the second line.

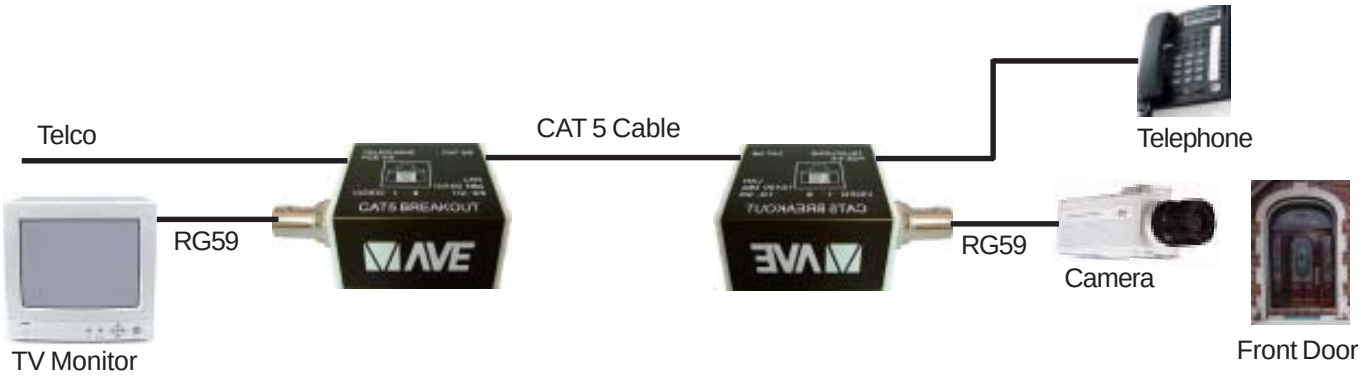
The Ethernet LAN RJ45 supports only 10/100mbs and only uses four wires. Therefore **NOT** compatible with Gigabit LAN or some POE systems. Many POE systems use pins 4/5 and/or 7/8 and are **NOT** compatible with the CAT5 Breakout device. POE systems that utilize pins 1/2 and 3/6 in conjunction with the Ethernet LAN **ARE** compatible.

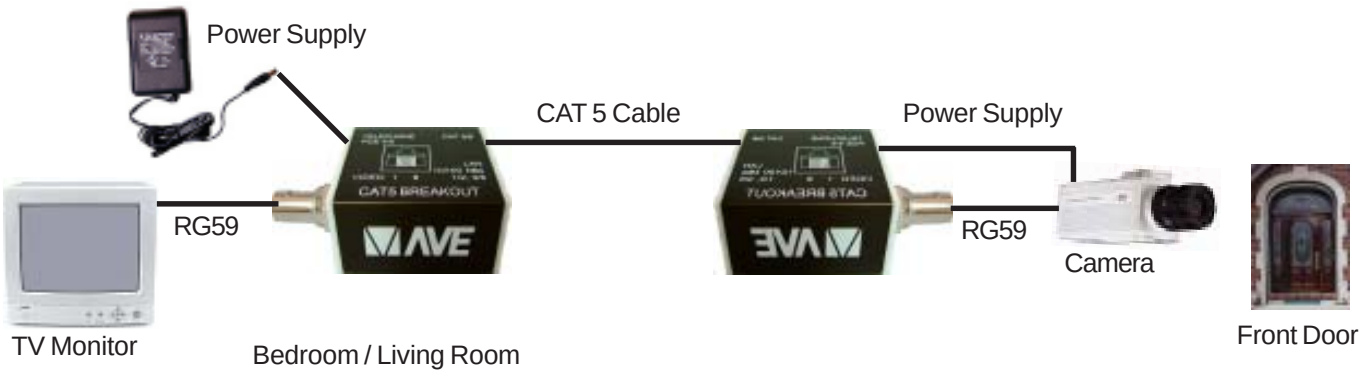


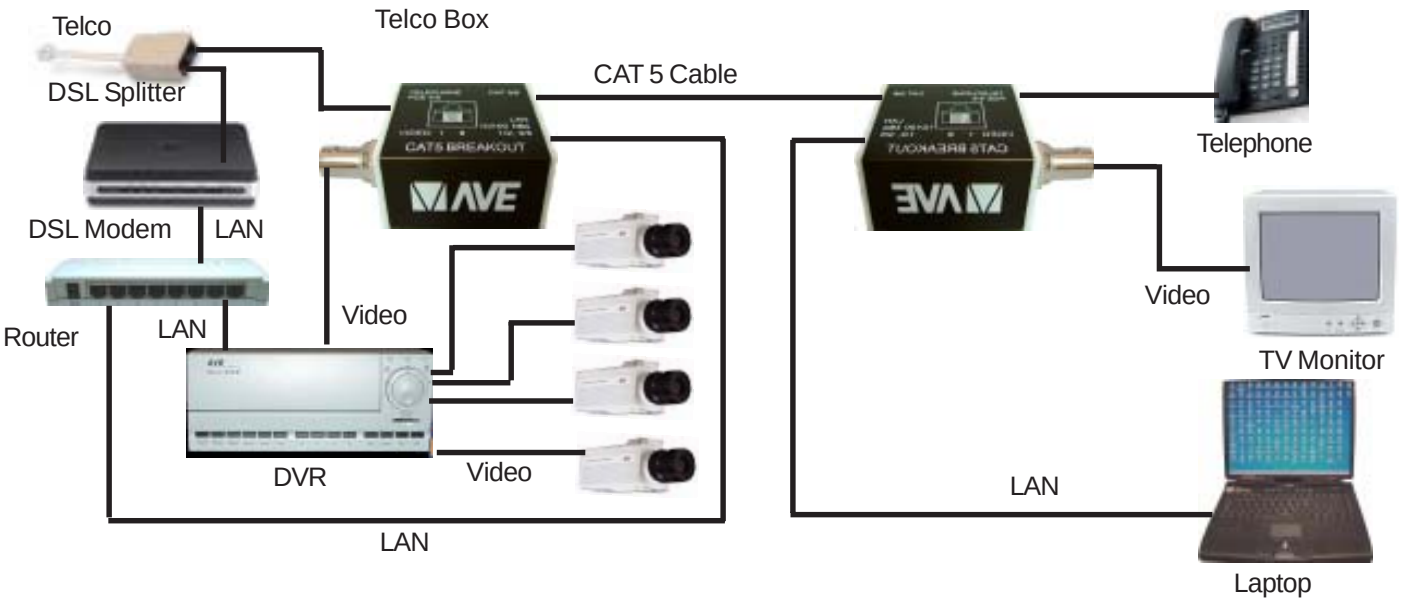
Typical Application

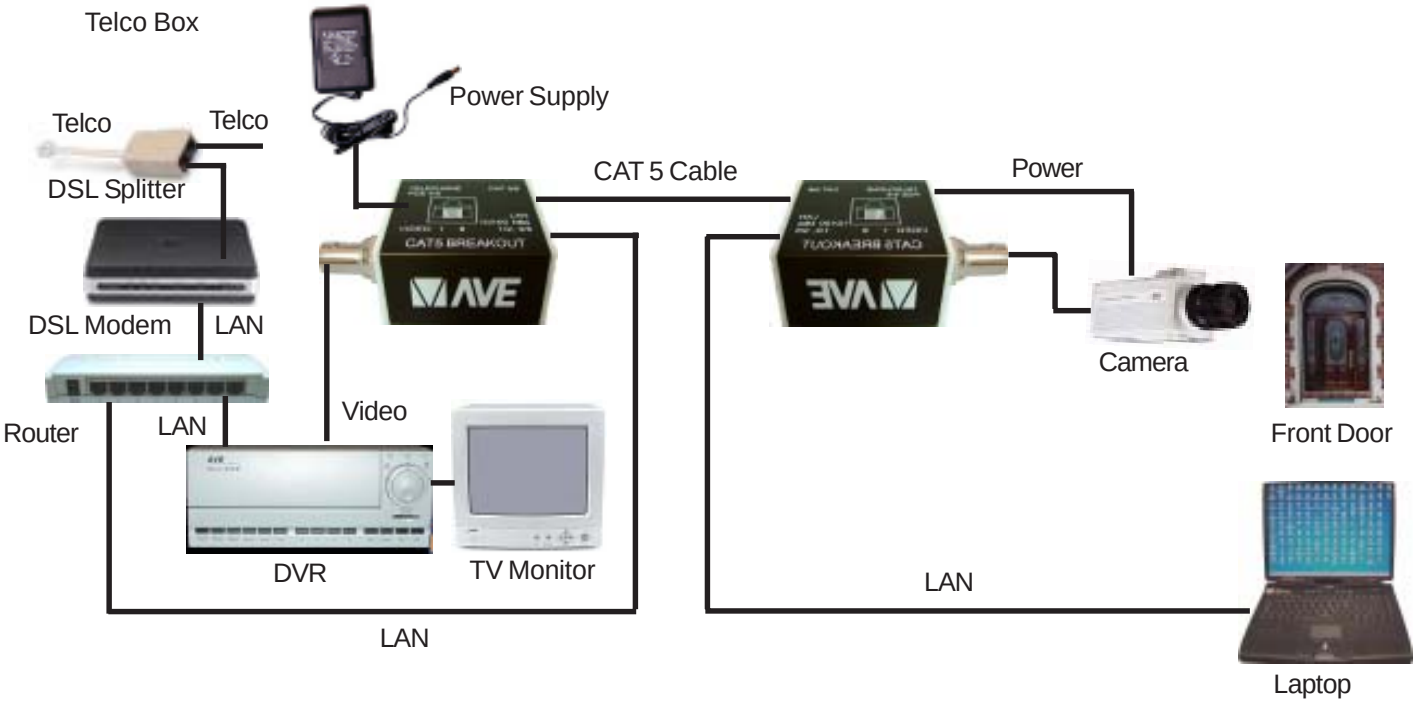

Telco
DSL Splitter
CAT 5 Cable
Telephone
DSL Modem
LAN
LAN
Laptop


Telco
Telco Box
DSL Splitter
CAT 5 Cable
Office
Telephone
DSL Modem
LAN
LAN
Laptop
Telephone
Video
RG59
Camera
TV Monitor
Bedroom / Living Room
Front Door


Telco
CAT 5 Cable
Telephone
RG59
RG59
Camera
TV Monitor
Front Door


Power Supply
CAT 5 Cable
Power Supply
RG59
RG59
Camera
TV Monitor
Bedroom / Living Room
Front Door


Telco
DSL Splitter
Telco Box
CAT 5 Cable
Telephone
DSL Modem
LAN
Router
LAN
Video
Video
TV Monitor
DVR
Video
LAN
LAN
Laptop


Telco Box
Power Supply
Telco
Telco
DSL Splitter
CAT 5 Cable
Power
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Front Door
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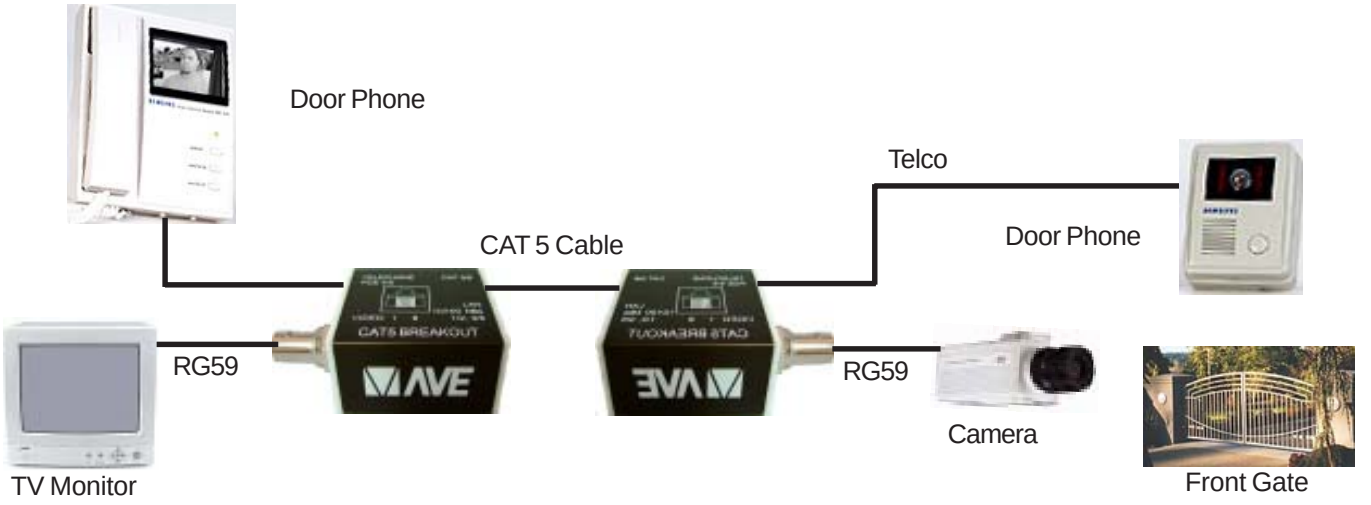
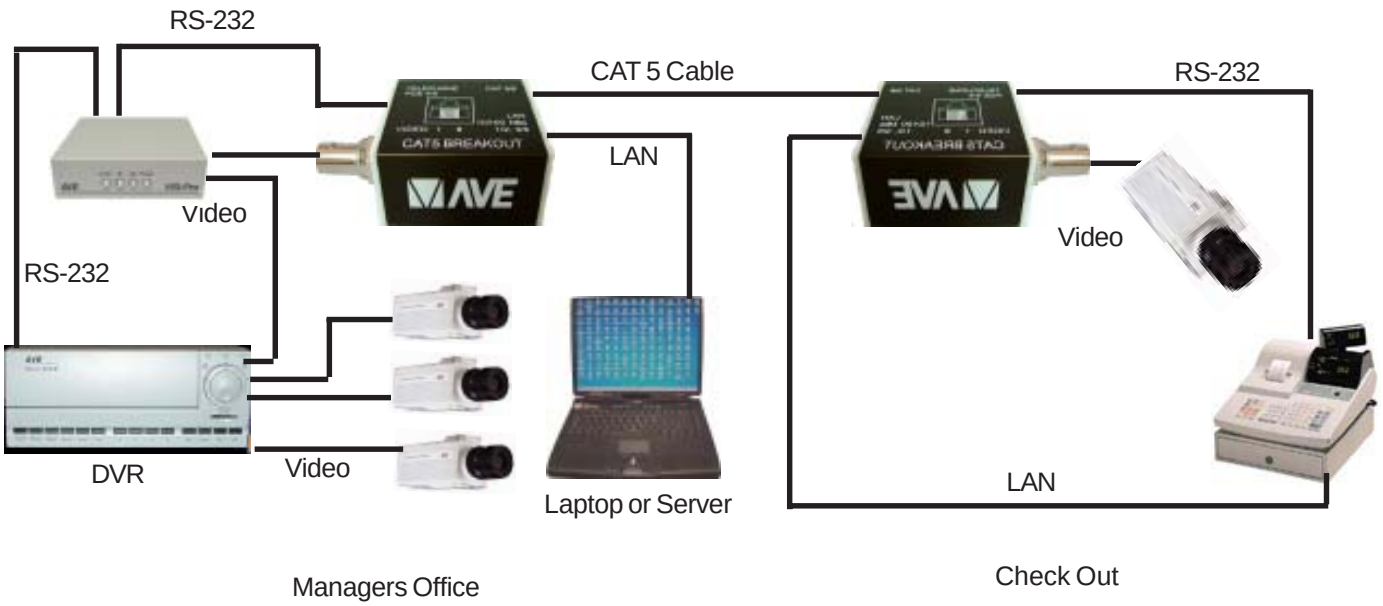
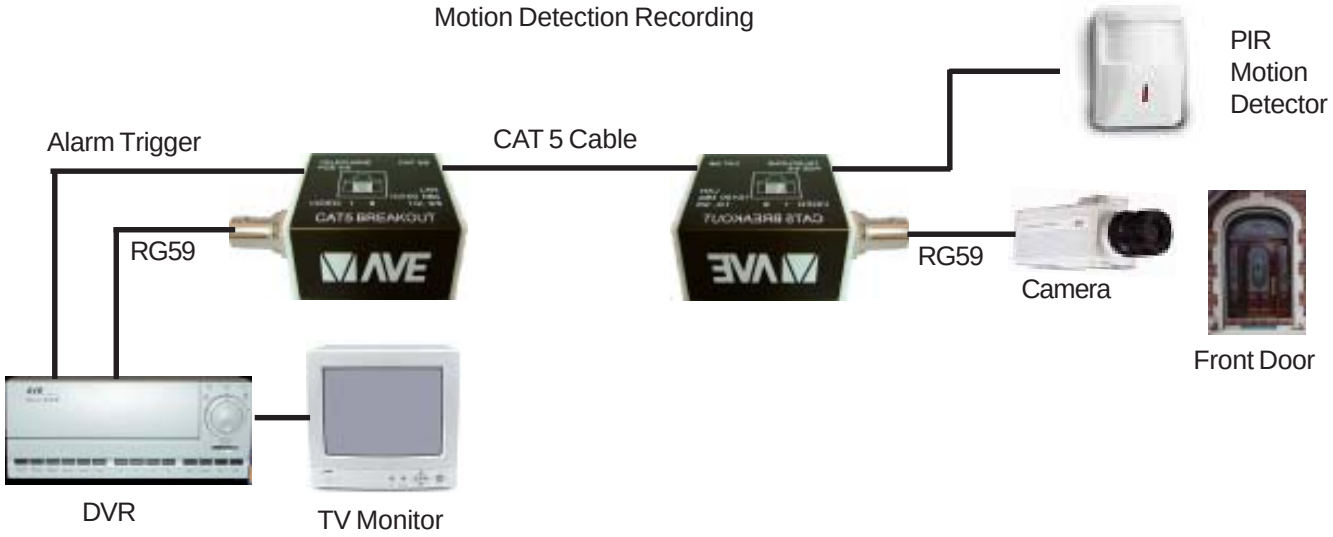
DVR
TV Monitor
LAN
LAN
Laptop


Door Phone
Telco
CAT 5 Cable
Door Phone
RG59
RG59
Camera
TV Monitor
Front Gate

Retail Loss Prevention System

VSI-Pro
Cash Register Interface



Motion Detection Recording