

2Y-LINK™

High Power Model

User Guide



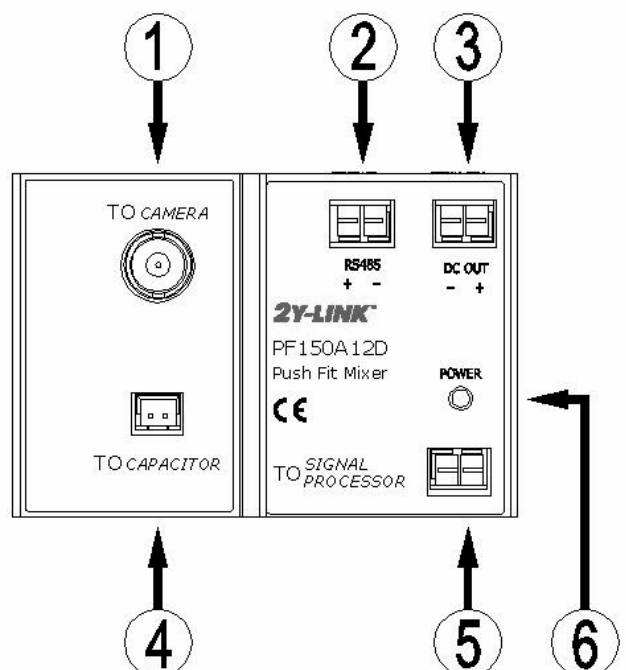
Push Fit Mixer PF150A12D

Features

- ✓ Power, video and control data are all transmitted between the Signal Processor and Mixer through the same single pair of wires, no separate wiring for RS485 data transmission
- ✓ Transmission distance up to 500m
- ✓ For cameras of power rating up to 1500mA
- ✓ Push-Fit terminals for easy wiring with bell/speaker/UTP cable
- ✓ No polarity restriction
- ✓ Built-in ground loop isolation feature

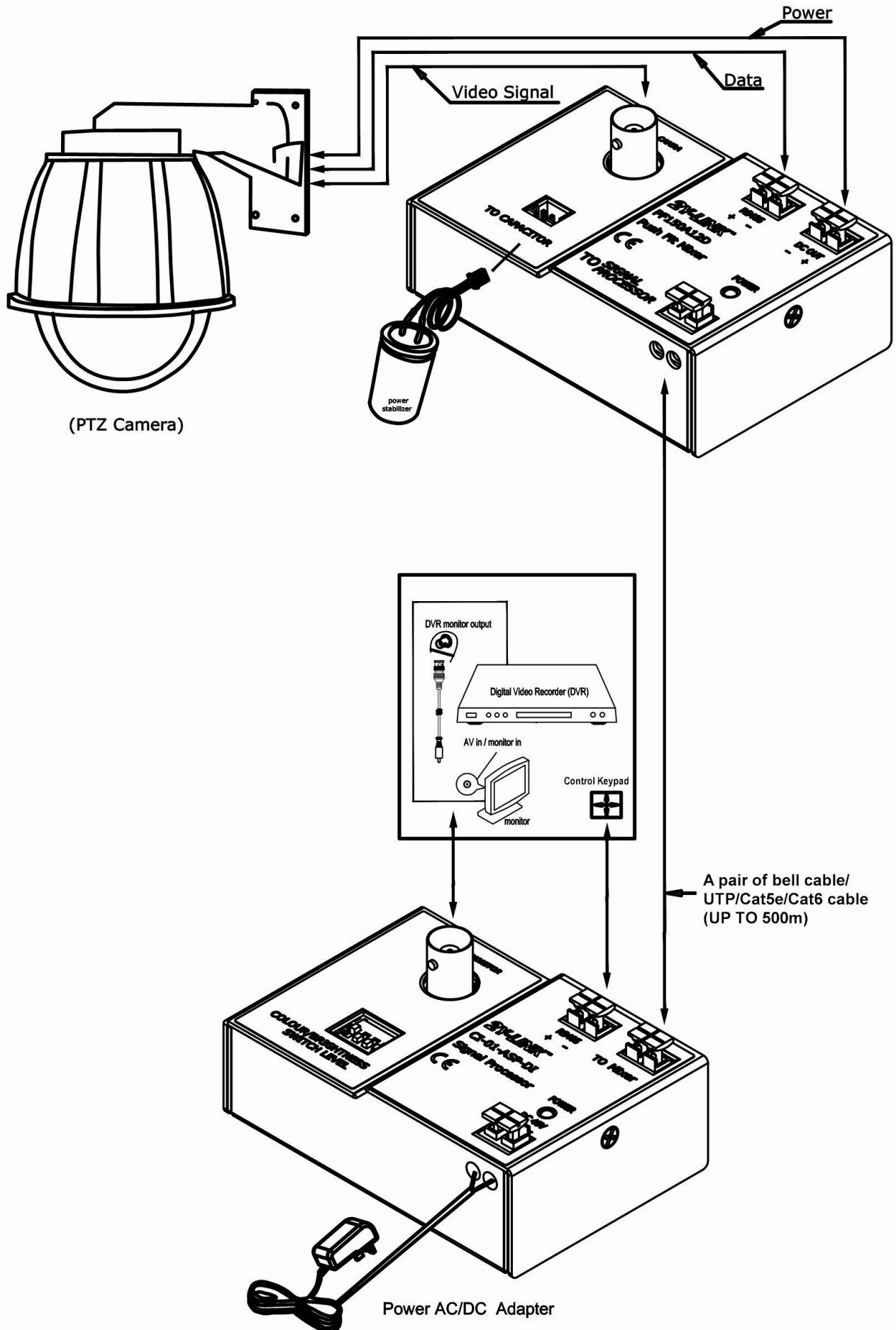
Overview

- 1: Video Input (BNC Female plug)**
- 2: RS485 (output, Push Fit Terminals)**
- 3: Power to Camera (Push Fit Terminals)**
- 4: Power Stabilizer Terminal**
- 5: 2-Wire to Signal Processor Video & Power (Push Fit Terminals)**
- 6: Power LED Indicator**

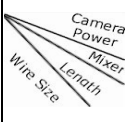


Connection Diagram

Connect with CI-01-ASP-DI & PF150A12D as shown in this diagram

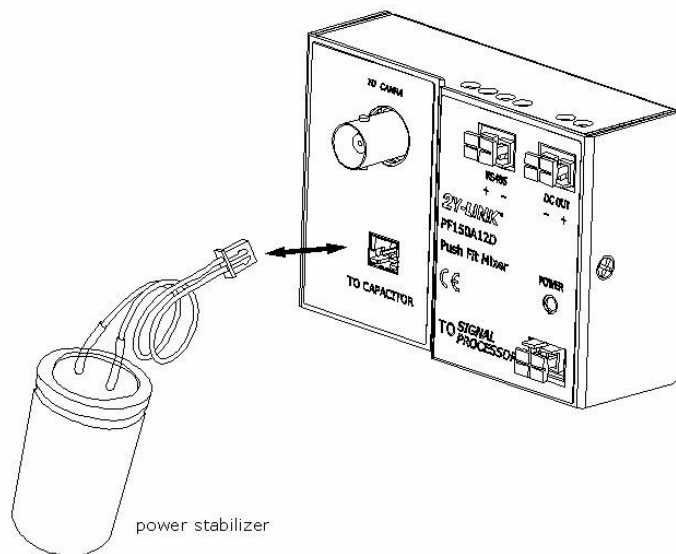


- The following table shows the necessary wire gauge for twin bell wire over the expected length between camera and TV Monitor.

	≤500mA	≤680mA	≤1000mA
	PF150A12D	PF150A12D	PF150A12D
AWG20	≤500m	≤300m	≤100m
CAT5	≤200m	≤100m	≤50m

Notes :

1. For cameras with operation current up to 1000mA and transient peak current up to 1500mA, also a PS-10KU power stabilizer is normally required.



2. For camera power over 18W and/or covering extended distances, local power supply for camera is required and dummy loading 150R/3W is required for `DC out` in PF150A12D

Specification

Video Input	: 1Vp-p 75-ohm
Power Supply	: 48VDC .Max
Operating temperature	: -10°C ~ + 50°C
Dimensions	: 35mm x 58mm x 86mm

Suitable for any Camera with following specification:

Each Camera Rating	: 12VDC, 1500mA. Max.
Each Camera Video output	: 1Vp-p 75-ohm