

# PVT02-4K

## UHD Power & Video UTP Transceiver



- > Transmission Distance:  
 HD-CVI 1080P: 250m / 5MP: 200m / 8MP: 180m  
 HD-TVI 1080P: 250m / 5MP: 200m / 8MP: 180m  
 AHD 1080P: 200m / 5MP: 200m / 8MP: 180m
- > Power Transmission up to 100m
- > Supports DC12V or AC24V powered
- > Built-in surge protection
- > Excellent interference rejection
- > LED indicate whether working (green light) or not working (yellow light)

### Applications:

- > Security Monitoring System
- > Multimedia Network System
- > Industrial Automation Control System
- > Information display system
- > Hospitals, airports, banks and etc.

### Specification:

Item	Description
Video Properties	HD-CVI, HD-TVI, AHD
Video Signal Band	250Mhz (-3dB)
Video Balance Band	0-65 Mhz
Transmission Distance	HD-CVI 720P: 400m / 1080P: 250m / 5MP,4MP: 200m / 8MP: 120m HD-TVI 720P: 720P,1080P: 250m / 5MP: 200m / 8MP: 120m AHD 720P: 350m / 1080P: 200m / 5MP,4MP: 200m / 8MP: 120m
Surge Protection	2KV Common Mode; 2KV Differential Mode (10/700us)
Video Protection Standard	IEC61000-4-5/1955
Suggested Max Current	1.5Amp
Suggested Cable	UTP CAT5/5E/6
Gross Weight	105g (2 units/packing)

### Voltage Drop According to Cable Length (24AWG):

Transmission Distance	Transmission Voltage (12v DC,0.5A)	Transmission Voltage (12v DC,1A)	Transmission Voltage (12v DC,1.5A)
50M/160Ft	13.5V	15.5V	17.0V
100M/320Ft	15.5V	18.5V	22.0V
150M/500Ft	17.0V	22.0V	27.0V
200M/650Ft	18.5V	25.5V	32.0V