



Passive Video, Power, Data Transceiver for 12V DC / 24V AC Camera
 Use with VB1624AC-1U for 16-channel video, power over CAT5 RJ45 connection
Model: VB111AC

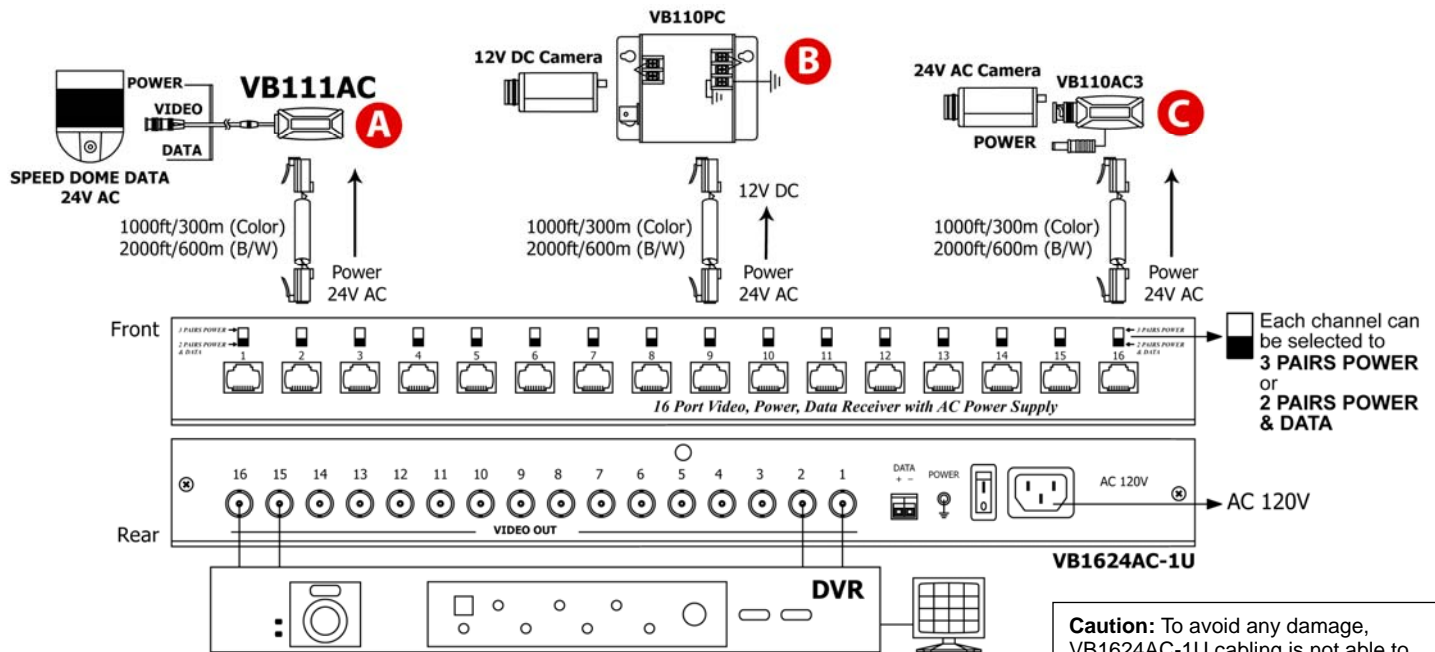


Features:

- Video, low voltage camera power, Data (RS422, 485) transmission over one UTP CAT5 cable.
- Male BNC DC male jack, 2 open leads for data, RJ45 female for video, power and data.
- Built in PTC fuse for short protection.
- Transmission range up to Color 1000ft / 300m, B&W 2000ft / 600m (max.)
- **Use with VB1624AC-1U at camera side, 16-channel video, power, data over professional CAT5 RJ45 connection. (For 24V AC usages, please cut the BNC DC male jack)**



Wiring Diagram:



Related Products:

VB1624AC-1U
16-CH Passive Video, Power, Data Receiver



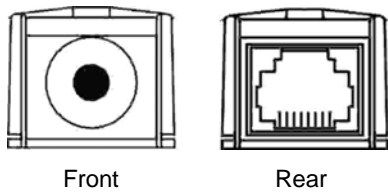
VB110PC
Video & Power Transmitter



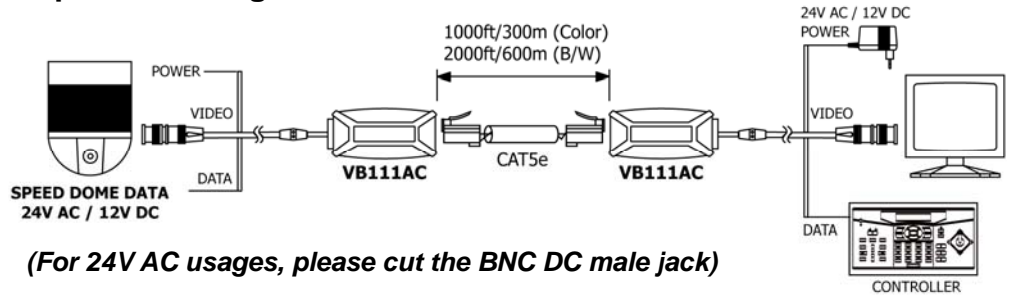
VB110AC3
Video & Power Transceiver



Panel View:



Optional Wiring:



Specification:

| | |
|------------------------|--|
| Model | VB111AC |
| Video (BNC Connector) | 1 (1V p-p, 75 Ohms) |
| Transmission Interface | RJ45 |
| Transmission Distance | Color 1000ft / 300m, B&W 2000ft / 600m |
| Data Connector | 1 |
| Cable | UTP CAT5 Cable (24 AWG) |
| Output Power | Dual Power 24V AC / 12V DC |
| Dimension W x H x D mm | 69 x 25 x 20.5 with 250mm cable |
| Material | PVC Black |

FCC CE RoHS

Switch Setting:

Two (2) pairs power & data ----- working with VB111AC

RJ-45 Jack Pin Define for Camera Connection

| RJ - 45 Jack | |
|--------------|---------------------|
| PIN | Color Function |
| 1 | W-O Power- or Data+ |
| 2 | O Power+ or Data- |
| 3 | W-G Power - |
| 4 | BL Power + |
| 5 | W-BL Power - |
| 6 | G Power + |
| 7 | W-BR Video + |
| 8 | BR Video - |

24V AC Power Distance Chart over UTP CAT5 Cable:

| CAT5 Cable (24 AWG) | Actual Voltage Camera at 21V | |
|---------------------|------------------------------|------------------|
| Power | 2 Pairs / 24V AC | 3 Pairs / 24V AC |
| 100mA | 1000ft / 300m | 1000ft / 300m |
| 300mA | 300ft / 100m | 700ft / 225m |
| 1Amp | 100ft / 30m | 150ft / 45m |

Caution:

- Do not connect this device to any power source.
- Do not handle the unit with wet hands.
- The unit is not waterproof and should not be used outdoors.