

Rx10X/AL Rx10X/WBX Rx10X/230/24/WBX

Multi Protocol Dome Interface Receivers



Rx10X/WBX



Rx10X/230/24/WBX



Rx10X/AL

Features

- Compatible with both fixed speed and proportionally controlled variable speed domes.
- No additional cabling required. Designed to operate over 500m using standard CT125 coaxial cable.
- Video launch amplifier provides loss compensation for optimum picture quality.
- Will operate on 20mA current loop as standard for situations where coax control is impractical.
- Low voltage supply.
- Auxiliary relay 5A 230Vac (Rx10X/230/24/WBX)
- Can be supplied from domes PSU (see manual for exclusions)
- Compatible with all BBV telemetry transmitters and equipment using BBV up-the-coax telemetry.
- Small & compact design.
- Simple to install.
- No specialised knowledge required.



Building Block Video Ltd

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Technical Specification

- Power supply**
- Rx10X/AL & Rx10X/WBX 12 – 36 Vdc or 24 Vac
 - Rx10X/240/24 230Vac to 240 Vac
- Power output**
- Rx10X/240/24 =24Vac 3A dome supply
- Max load**
- 100mA Rx10X/AL & Rx10X/WBX
- Outputs**
- RS232, RS422, RS485 serial data (dome specific) Unit auto tunes to coax signal.
- Features**
- LED readout for continual system status
 - Video launch amplifier provided with Gain and Lift adjustment.
- Telemetry signals**
- Up-the-coax telemetry signals designed to operate over 250m of RG59 or 500m of CT125 coaxial cable or via twisted pair 20mA current loop.
- Video input**
- 1V p-p 75Ω terminated input via BNC socket.
- Video output**
- 1V p-p 75Ω impedance input via BNC socket.
- Dimensions**
- | | Rx10X/AL | Rx10X/WBX | Rx10X/24/WBX |
|--------|----------|-----------|--------------|
| Length | 102mm | 365mm | 365mm |
| Width | 113mm | 180mm | 180mm |
| Height | 34mm | 100mm | 100mm |
- Weight**
- Rx10X/AL = 152 grams
 - Rx10X/WBX = 1.27 Kg
 - Rx10X/230/24/WBX = 2.54 Kg
- Temperature**
- -10°C +40°C
- Colour**
- Rx10X/AL = 5212 & 9011
 - Rx10X/WBX & Rx10X/230/24/WBX = RAL 7035

The RX10X range is capable of driving the following domes:

JVC TK-C655B, 675B & 676
Dennard (2040,2050, 2055,2060)
Panasonic (WV-CS850/860/960)
Pelco P Protocol
Vista Powerdome
VCL-TP

Panasonic (WV-CSR400/600/650)
Genie ASD276 & ASD376
Phillips/Bosch
Pelco D Protocol
Vicon Surveyor
Sensormatic

The library of supported domes is continually growing.
Please contact our technical support team if the dome required is not shown.
Tel: +44 (0) 1323 444600
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