



Multi Protocol Dome Interface Receivers



Rx10X/WBX



Rx10X/230/24/WBX



Rx10X/ALX

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

Powers Supply

Power Output Max Load Outputs

Features

Telemetry signals

Video input Video output Dimensions

Weight Temperature Colour

- Rx10X/AL & Rx10X/WBX 12 – 36 Vdc or 24 Vac
 - Rx10X/240/24 230Vac to 240 Vac
 - Rx10X/240/24 =24Vac 3A dome supply
 - 100mA Rx10X/AL & Rx10X/WBX
 - RS232, RS422, RS485 serial data (dome specific) Unit auto tunes to coax signal.
 - LED readout for continual system status
 - Video launch amplifier provided with Gain and Lift adjustment.
 - 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.
 - 1V p-p 75Ω terminated input via BNC socket.
 - 1V p-p 75Ω impedance input via BNC socket.
- | | Rx10X/AL | Rx10X/WBX | Rx10X/24/WBX |
|--------|----------|-----------|--------------|
| Length | 102mm | 365mm | 365mm |
| Width | 113mm | 180mm | 180mm |
| Height | 34mm | 100mm | 100mm |
- Rx10X/AL = 152 grams Rx10X/WBX = 1.27 Kg Rx10X/230/24/WBX = 2.54 Kg
 - -10°C +40°C
 - 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,

Panasonic (WV-CSR400/600/650)

Dennard (2040,2050, 2055,2060),

Genie ASD276 & ASD376,

Panasonic (WV-CS850/860/960).

Phillips/Bosch

Pelco P Protocol

Pelco D Protocol

The library of supported domes is being continually enhanced.
Please contact our technical support team if the dome required is not shown.

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