



Installation Guide



Building Block Video Ltd
17 Apex Park,
Diplocks Industrial Estate,
Hailsham, East Sussex, BN27 3JU, UK
Tel: + 44 (0) 1323 842727
Fax: + 44 (0) 1323 842728
Support: + 44 (0) 1323 444600
www.bbvctv.com

Contents

Important	3
Introduction	4
Unpacking	4
TX300 System Diagram	4
TX300 Layout	5
Keypad functions	5
Lens action	6
Auxiliary Function Switch	6
Self Test	6
Iris Level Program	7
Random pan	7
Twisted pair output	8

IMPORTANT

Please read the following points before servicing or installing.

Pre-installation checks - It is recommended that the unit be bench tested prior to installation on the site.

Safety during installation or servicing - Particular care should be taken to isolate the pan/tilt head in order to prevent operation while engineering work is being carried out. In addition any ladder or other means of working on the receiver **MUST NOT** rest on the pan/tilt head as it is possible for the head to move when not expected.

Safety check - Upon completion of any service or repairs to the unit, safety checks should be performed to ensure that the unit is in proper operating condition.

Coax grounding - If an outside cable system is connected to the unit, be sure the cable system is grounded.

Adhere to Safety Standards - All normal safety precautions as laid down by British Standards and the Health and Safety at Work Act should be observed.

WARNING - TO PREVENT DANGER OF FIRE OR SHOCK, DO NOT EXPOSE THE INTERNAL COMPONENTS OF THIS EQUIPMENT TO RAIN OR MOISTURE.

Damage requiring service - Servicing by qualified personnel should be carried out under the following conditions:

- (a) When the power supply cord or plug is damaged;
- (b) If liquid has been spilled, or objects have fallen into the unit;
- (c) If the unit does not operate normally by following the operating instructions.
- (d) If the unit has been dropped or the enclosure is damaged;

Replacement Parts - If replacement parts are required, ensure that only replacement parts recommended by the product manufacturer are used.

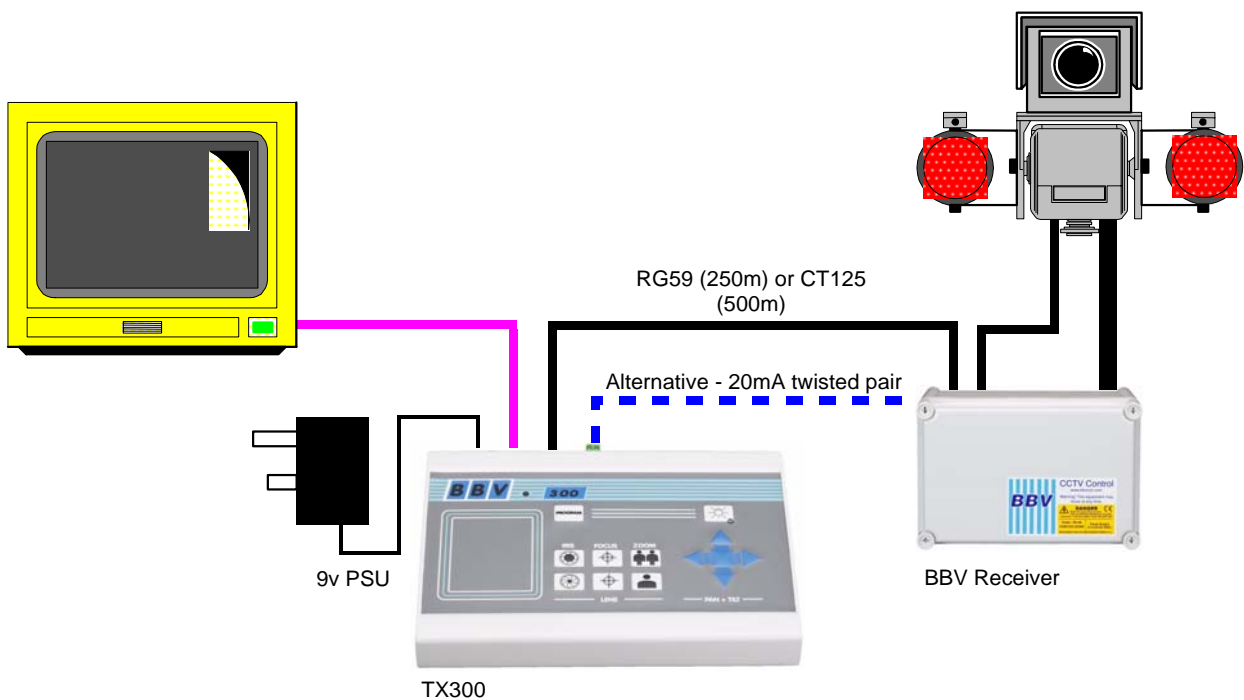
Introduction

The TX300 Telemetry transmitter is a very easy to use keypad for a single camera CCTV system. The TX300 provides full control of single pan/tilt/zoom camera installations. It is easily installed into either a new or an existing system simply by connecting a BNC input and output, or twisted pair cable and a 9V dc supply.

Unpacking

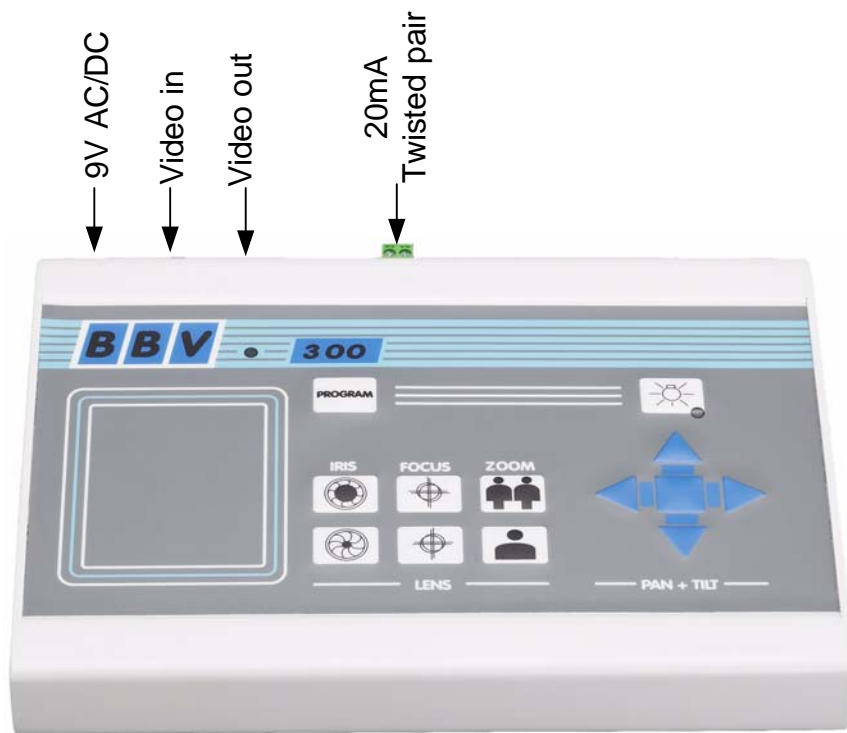
Inspect the packaging for signs of damage. If damage has occurred, advise the carriers and/or the suppliers immediately. Unpack the transmitter carefully and check that all the items are included:

Part number	Description	TX300	Manual	9V DC 500mA PSU	Rubber feet	Warranty card
TX300	TX300 Telemetry transmitter	X	X	X	X	X

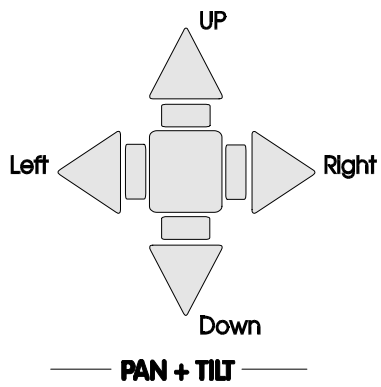


TX300 System Diagram

TX300 Layout



Keypad Functions

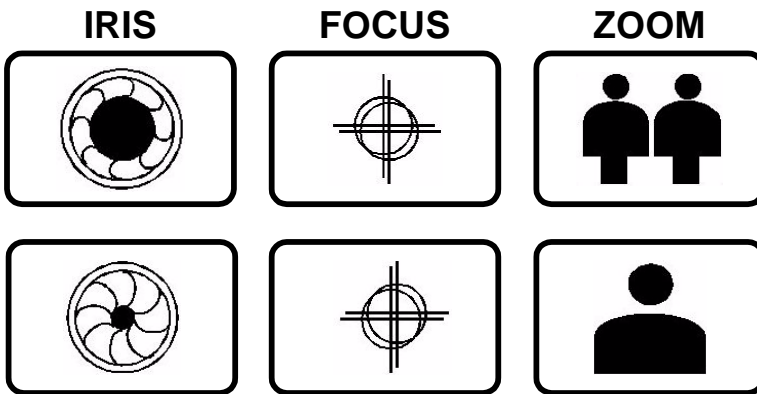


Pan and Tilt Action:

Press the relevant direction arrow(s)

Lens Action

There are six lens function switches on the TX300. These are Iris Open, Iris Close, Focus Near, Focus Far, Zoom In and Zoom Out.

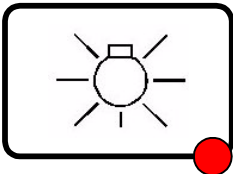


Press and hold the relevant key until the desired picture is obtained.

Note: If the key is pressed and held for longer than one second, High Speed Lens Action is activated. Inching is achieved by quick presses of the key.

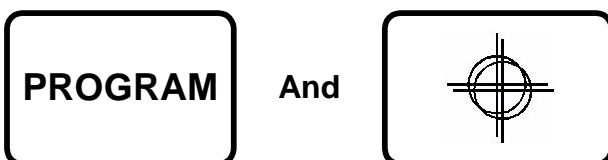
Auxiliary Function Switch

There is only one auxiliary function switch on the TX300; it is designated as the lights relay. To operate: press for on, press for off.



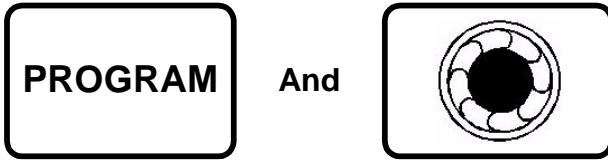
Self Test

To run Self Test, press Program and Focus Far. This activates the Self Test routine in the BBV range of RX telemetry receivers. See the Telemetry Receiver Installation Handbook for more details.



Iris Level Program

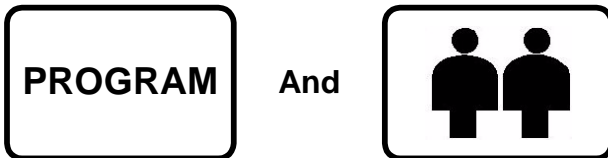
To preset the aperture of the iris, press Iris Open or Iris Close until the required level is reached, then press Program and iris open together to set.



Note: After adjustment, there are 15 seconds in which to program the Iris setting. After this, the iris reverts to its default setting.

Random Pan

The RX300 telemetry receivers provide a random pan feature. To operate the random pan feature press Program and Zoom out.



During Random Pan operation, the camera is randomly panned left or right for a random duration, paused for a random duration and then panned again. This adds the effect that the camera is manually controlled.

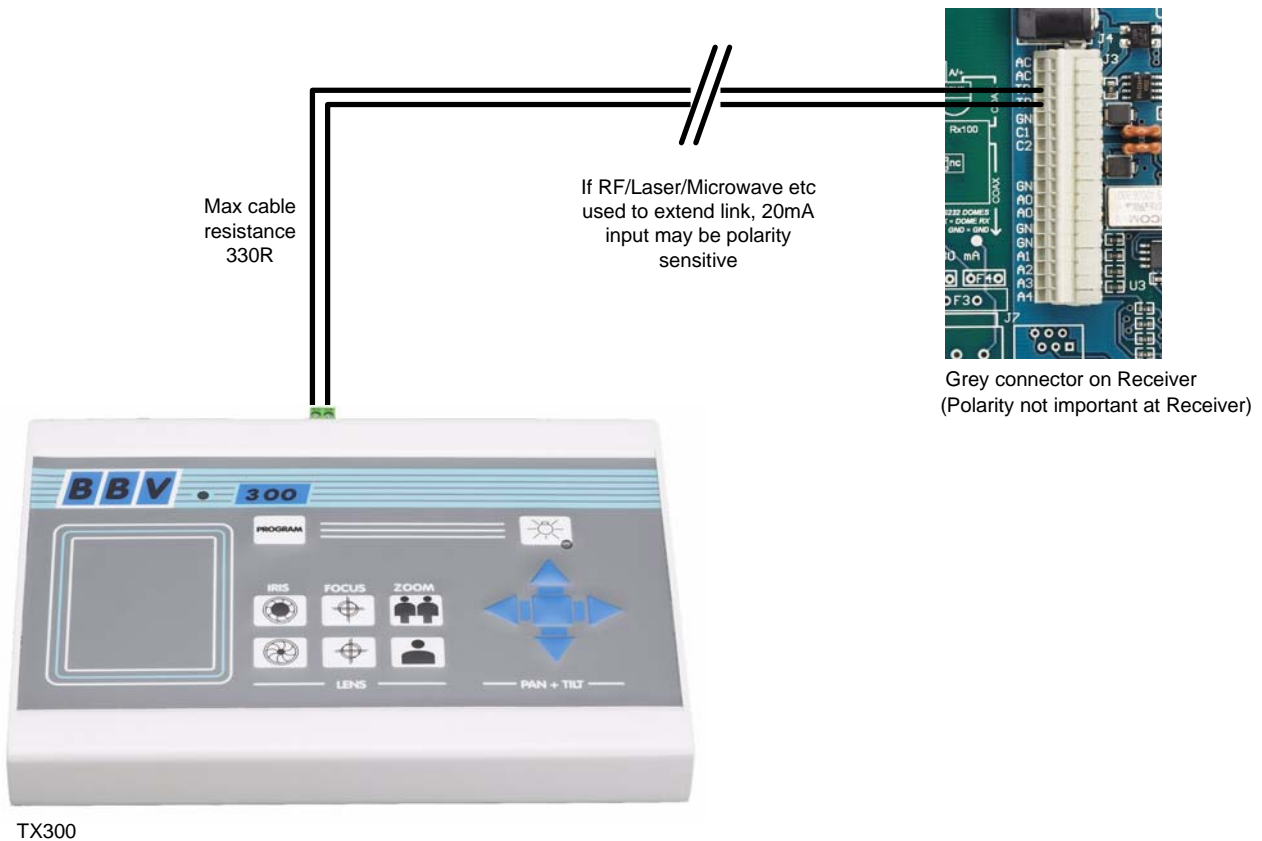
During random pan, the camera can be tilted to the desired angle using the up/down buttons. Random pan is disabled by pressing either the pan right or the pan left button.

Twisted Pair Output

The TWISTED PAIR output sends telemetry signals from the transmitter to the receiver as a 20mA compatible output. Format is 1200 baud 8 data bits 1 stop bit, Even parity.

The normal reason for using a twisted pair option is to connect to a non-cable transmission system, fibre, microwave etc. or when the electrical conditions are too 'noisy' to use up-the-coax telemetry.

A video cable connection is still required for picture information.



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Extend your BBV Warranty from 12 months to 3 years

As of the 1st September 2008 BBV have offered our customers the opportunity to extend the standard 12 month warranty to 3 years.


You must register for the extended warranty within 12 months of the date of manufacture.

How to register for the 3 year warranty

Registering for the new, longer 3 year warranty term is quick and easy.

Either:

Complete the warranty application card that comes in the box with your BBV product, and return it FREEPOST to BBV:





BBV 3 Year Warranty

If this card is returned with the serial number of the product and the Installation company details BBV will extend the warranty period from 12 Months to 36 Months.

Number of Units, Start Serial No. Final Serial No.

Contact Name _____
Company Name _____
Phone Number _____
Site Name _____
Address 1 _____
Address 2 _____
Address 3 _____
Post Code _____
e-mail address _____

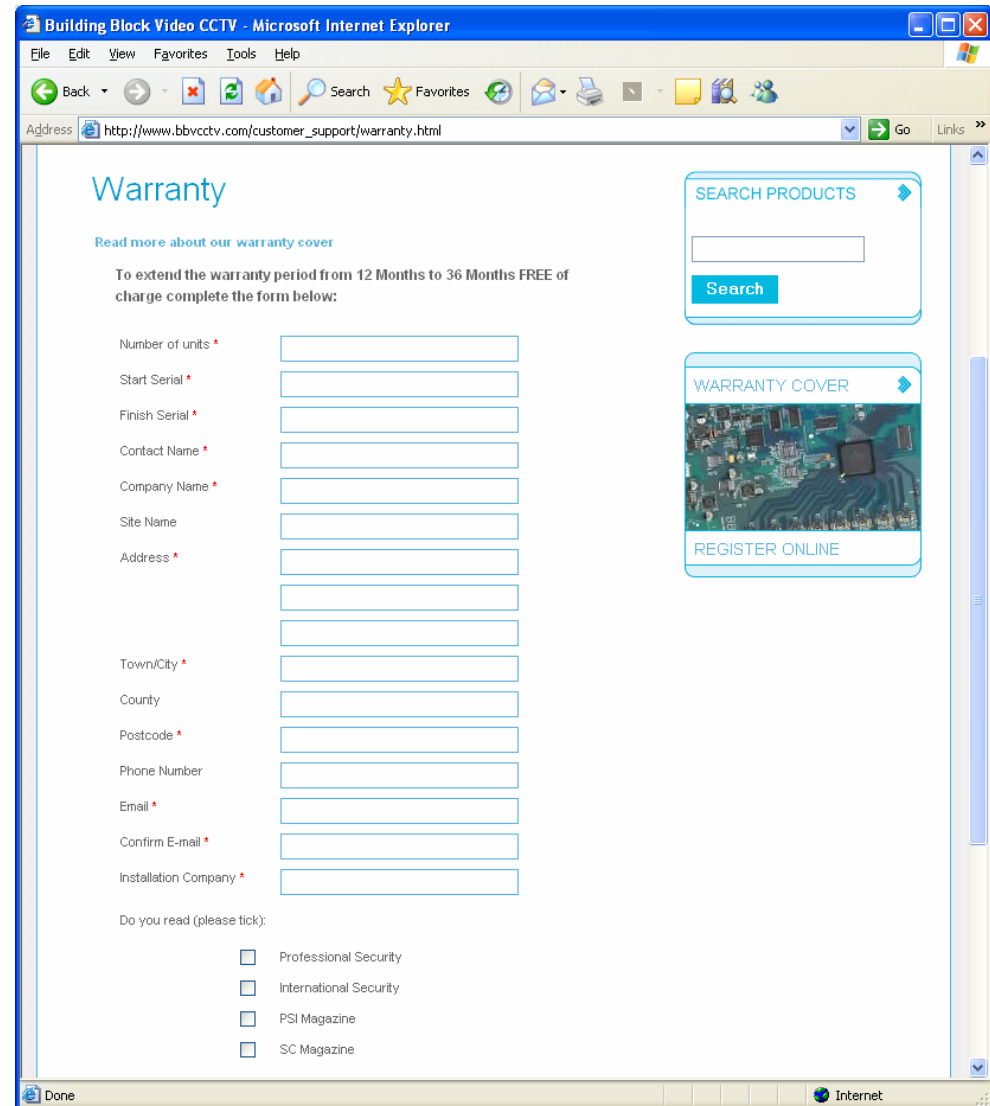
Please could you send me information especially on:
 Rx100s
 Rx45x & Rx55x
 FBM Video Matrices
 Tx1500 Video Matrices
 Starcard & Starcard Converters
 BBV Quad
 Pick A Point

Do you read:  
 I do not require any other further product information.
Please refer to WWW.BBVCCTV.COM for terms, conditions & exclusions
VAT Reg. No. 621758439 Registered in England No. 2852921 Registered office: 17 Apex Park Diplocks Way Hailsham East Sussex UK BN27 3JU

Or alternatively:

Register online at: www.bbvctv.com

Simply enter your details on the 'Warranty Cover' page.



The screenshot shows a web browser window titled "Building Block Video CCTV - Microsoft Internet Explorer". The address bar shows "http://www.bbvctv.com/customer_support/warranty.html". The page content includes a "Warranty" heading, a search box, and a "WARRANTY COVER" section with a "REGISTER ONLINE" button. Below this is a form with the following fields: "Number of units", "Start Serial", "Finish Serial", "Contact Name", "Company Name", "Site Name", "Address", "Town/City", "County", "Postcode", "Phone Number", "Email", "Confirm E-mail", and "Installation Company". At the bottom, there are checkboxes for "Do you read (please tick):" with options: "Professional Security", "International Security", "PSI Magazine", and "SC Magazine".



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