

# **STREAMLINE**<sup>®</sup>

## INSTRUCTION MANUAL

**STREAMVAC**<sup>™</sup>

### Codes:

CCTV-POLE-KIT0003-051  
CCTV-POLE-KIT0003-032



English

INSTR-CCTV-POLE-KIT0003

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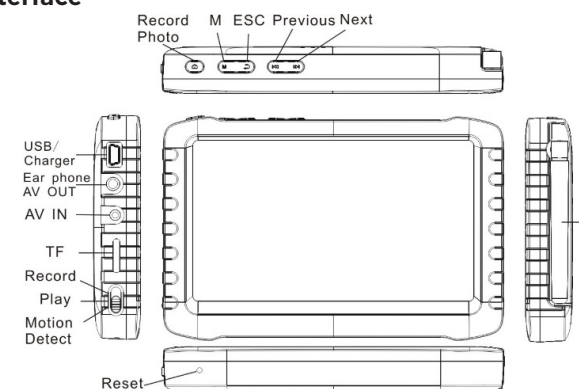
17

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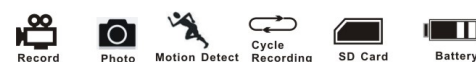
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- Do not use or store the camera or monitor in high temperature or high humidity or damp environment.
- Avoid direct sunlight for long periods.
- Do not use a SD card larger than 32GB
- Insert and remove the SD card only once the power of the monitor is switched off.
- When inserting the SD card, please make sure that the insertion direction is correct. Failure to do so will damage the card slot. (See icon on the rear of the monitor)
- Do not attempt to remove the battery of either the camera or monitor.

### Buttons & Interface



#### Display Symbols:



#### Battery capacity symbols:



The possible reason for the Monitor not powering up, is that the battery is depleted. Plug the charging wire into the USB port on the monitor and connect it to a mains voltage supply.

The battery charger supplied is for the Monitor use only. Do not leave the charger in a humid place. Unplug the charger after use.

Before using the Monitor for the first time, charge it for between 6 – 10 hours.

The new battery will reach best performance after charging and discharging several times, If the camera is not used for long periods, it is recommended to charge the monitor every 2-3 months.

## Bullet Camera

Ensure that the camera battery is fully charged prior to operation. Once fully charged the battery will have a 1.5 hour working time.

### Charging

Charge the camera battery, for approximately 1½ hours, using the mains charger supplied with the kit. Whilst charging, the red indicator LED, in the front of the camera, will illuminate. When fully charged, the red indicator LED will switch off. Do not leave the camera on charge for a long period of time after the red LED has switched off.

### Operation

Press and hold the button, on the rear of the camera, to turn the camera on. The reason for the camera possibly not switching on, is that the battery is depleted.

### Enhanced brightness

When switched on, press the button once to give enhanced brightness, and again to turn the LED lights off. The camera will continue to function in this mode and the battery charge will be extended. Press and hold the button to switch the camera off.

## Camera Specification:

Frequency	2414Mhz (CH1)
RF Output Power	50mW (300 feet in line of sight)
Total Pixels PAL	720 x 576 NTSC: 720 x 480
Minimum Illumination	0.01Lux / F1.2
Lens Focus	1-100cm (adjustable)
View Angel	90°
Light Source LED	2200mcd x 6 (Range of LED lamp: 5 metres)
IR/940nm	70mW x 6 (Range of IR940 lamp: 5 metres)
IR/850nm	70mW x 6 (Range of IR850 lamp: 8 metres)
Li-Battery Capacity	380MAH
Working Time	1.5 hours
Charge Time	1.5 hours
Voltage DC	5V
Current Lamp off:	160mA Lamp on: 260mA Lamp highlight: 300mA
Weight	35g
Size (DXL)	20mm x 84mm

## Monitor Specification

### Items

Wireless Receiving Wireless freq.  
1of 6 groups 2.4GHz-8 channels:

Within 5.8G-A 8 channels:

Beyond 5.8G-B 8 channels:

Within 5.8G-C 8 channels:

Within 5.8G-D 7channels for FPV:

Beyond 5.8G-E 7 channels for FPV:

Sensitivity:  
AV IN TV system:  
Output voltage:  
AV OUT TV system:  
HD 5-inch LCD screen:  
Resolution:  
Luminance for LCM:  
Video Resolution:  
Video compress:  
Play format:  
Audio Subcarrier frequency:  
Earphone Frequency Range:

### Value

CH1: 2414MHz; CH2: 2432MHz; CH3: 2450MHz;  
CH4: 2468MHz.CH5: 2490MHz; CH6: 2510MHz;  
CH7: 2390MHz; CH8: 2370MHz

CH1: 5865MHz; CH2: 5845MHz; CH3: 5825MHz;  
CH4: 5805MHz. CH5: 5785MHz; CH6: 5765MHz;  
CH7: 5745MHz; CH8: 5725MHz

CH1: 5705MHz; CH2: 5685MHz; CH3: 5665MHz;  
CH4: 5645MHz. CH5: 5885MHz; CH6: 5905MHz;  
CH7: 5925MHz; CH8: 5945MHz

CH1: 5733MHz; CH2: 5752MHz; CH3: 5771MHz;  
CH4: 5790MHz. CH5: 5809MHz; CH6: 5828MHz;  
CH7: 5847MHz; CH8: 5866MHz






CH1: 5740MHz; CH2: 5760MHz; CH3: 5780MHz;  
CH4: 5800MHz. CH5: 5820MHz; CH6: 5840MHz;  
CH7: 5860MHz; CH8: SPI

CH1: 5705MHz; CH2: 5685MHz; CH3: 5665MHz;  
CH4: 5645MHz. CH5: 5885MHz; CH6: 5905MHz;  
CH7: 5925MHz; CH8: SPI


92dB  
NTSC / PAL  
3.6-4.2V  
NTSC / PAL  
Active area 108mm(W) X 64.8mm(H)  
800 X 480 Pixel  
200 cd/  
720\*576 / 720\*480  
MPEG-AVI 30fps  
MPEG-AVI  
2.4GHz:6.0MHz; 5.8G-A/B/C:6.5MHz;  
5.8G-D/E:6.0& 6.5MHz  
20HZ-20KHz stereo













Items	Value
Earphone Output Left:	20MW+ right 20mW [160](suit to largest volume) Speaker 1W
Photo Format:	JPG/JPEG
Storage:	External SD card TF card 1GB-32GB optional
32 GB Recording time:	10-32 hours
1GB Photos:	15625pcs
Operating system PC:	Windows & Mac OS
Power Port:	USB 2.0
Language:	Multiple
Voltage:	DC 5V
Current (receiving mode)	660MA
Current (recording mode)	680MA
Current recording with off-screen mode	340MA
AC adapter:	DC 5V 2A
Built-in battery:	Li-battery 3200Mah
Standby time:	(Wireless record) (Wired record)
Size (L x W x H)	≥9.5 hours(off-screen); ≥5hours on-screen
Weight(g)	≥12 hours(off-screen); ≥6hours on-screen
	*LED camera not included
	131mm x 86mm x 18mm
	205g

## Basic Monitor Operation



- Power On/Off:**  
Press and hold  to switch the power on – press and hold  to switch the power off.
- Working mode switch**  
(switch located on the side of the camera – see rear for icons)  
When switched to  Monitor will take photos and record videos  
When switched to  Monitor will display recorded photos and videos When switched to  Monitor is in the state of motion detection.
- Raise the monitor antennae to improve wireless connection with the bullet camera.
- SD card**  
If you wish to use the video function, insert an SD card prior to switching the monitor on. If no SD card is inserted, the monitor can be used for viewing only. The screen will show a symbol of a SD card when inserted.
- Viewing the SD card on computer**  
Switch the power off prior to removing the SD card from the monitor. Re move and insert the SD card directly into a computer to view your videos or images.

## Taking a photo and video













Switch the Monitor on, and select working mode . Switch the bullet came on and wait for them to connect.

- Taking a Photo**  
When  is displayed, press  once, symbol  will display on the screen, and a still image will be captured
- Video Recording**  
When  is displayed, press and hold  for 3 seconds and the monitor will begin recording, (screen will display “REC”). Press  once to pause the video,(screen will display ), press  again to continue recording. Press  to end the recording, It will save automatically and exit.
- Mute**  
When  is displayed, press  to mute the sound. Screen displays “MUTE”. Press  again to recover sound.






## Viewing Photos and Videos

Select central position (●) of the switch on the side of the monitor to view photos and videos. Press  /  to select either "Photo" or "Video".







### Viewing Videos:

1. When "Video" is selected, press  to display the list of videos which have been recorded
2. Press  /  to scroll through the list and press  to play the selected video.
3. Whilst the video is being viewed, press and hold " " to fast forward; press and hold  to rewind. (Press  /  to adjust volume)
4. Press  to pause; press  again to release pause.
5. Press  and  to exit the video and return to the video list.
6. Press  again to return to photo and video option.




### Viewing Photos

1. When "photo" is selected, press  to view the list of photos which have been recorded.
2. Press  /  to scroll through the list and press  to display the selected photo.
3. Press  to return to the photo list.

### Deleting Photos & Videos

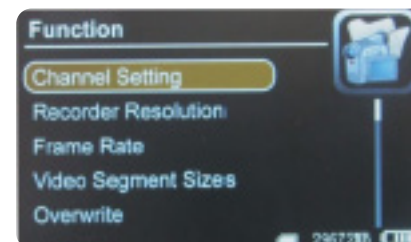
1. Press  /  to select the desired video/photo.
2. Press  to open the options dialogue.
3. Press  /  to select the desired option
4. Press  to confirm.


## Additional Information & Motion Detection

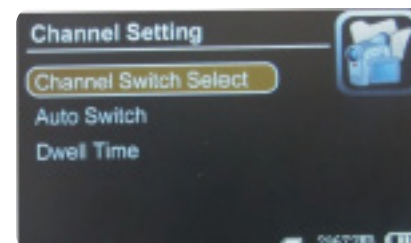
1. Switch the monitor on, and select the  mode on the side switch.
2. Press and hold  for 3 seconds to enter the motion detect recording. When moving objects are detected, the monitor will automatically begin to record, and the screen will show "REC". After 10 second, if no movement is detected, the monitor will automatically pause recording, until further movement is detected, when it will continue to record the video. To end motion detect recording, press , it will automatically save the video.

### Function Settings

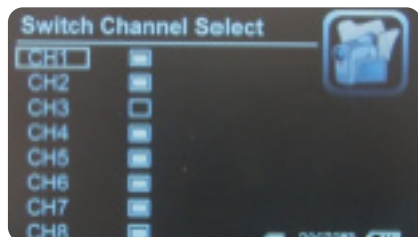
Switch the monitor on, with the mode  or  displaying, press  to enter the function mode. Press  /  to select "Function", then press  to enter into function menu.



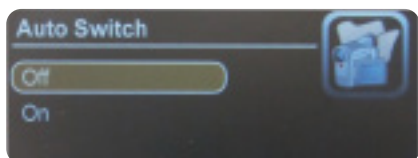
1. Channel Setting: Press  /  to select "Channel Setting", and then press  to enter



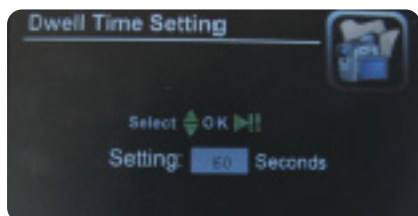
1) Auto Switch Press **▶▶/◀◀** to select “Auto Switch”, and press **▶** to enter.  
Press **▶▶/◀◀** to select channel and press **▶** to turn it off/on.  
Press **◀** to exit.



2) Auto Switch Press **▶▶/◀◀** to select “Auto Switch”, and press **▶** to enter.  
Press **▶▶/◀◀** to select “Off” / “On”, then press **▶** to confirm and exit.

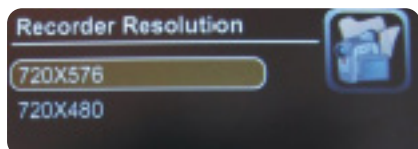


3) Dwell Time Press **▶▶/◀◀** to select “Dwell Time” and press **▶** to enter.  
Press **▶▶/◀◀** to adjust dwell time. Then press **▶** to confirm and exit.



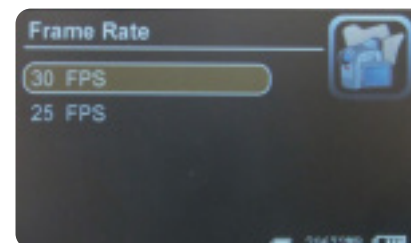
## Recorder Resolution:

Press **▶▶/◀◀** to select “Recorder Resolution” and press **▶** to enter. Press **▶▶/◀◀** to select “720X576” / “720X480”. Press **▶** to confirm and exit.



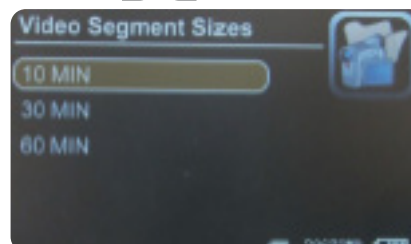
## 3. Frame Rate

Press **▶▶/◀◀** to select “Frame Rate” and press **▶** to enter.  
Press **▶▶/◀◀** to select “30 FPS”/“25 FPS”, and press **▶** to confirm & exit.



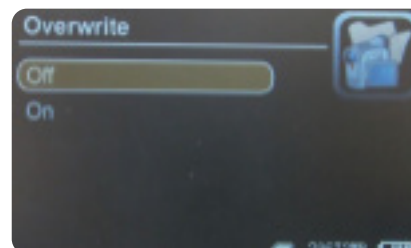
## 4. Video Segment Sizes

Press **▶▶/◀◀** to select “Video Segment Sizes”, then press **▶** to enter. Press **▶▶/◀◀** to select “10 MIN”/“30MIN”/“60 MIN”. Press **▶** to confirm & exit.



## 5. Overwrite

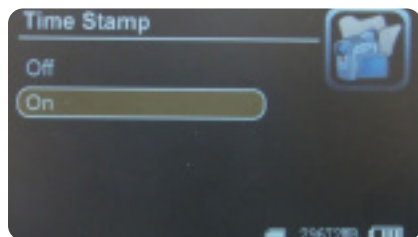
Press **▶▶/◀◀** to select “Overwrite”, and press **▶** to enter. Press **▶▶/◀◀** to select “Off”/ “On”, and press **▶** to confirm & exit. If “Overwrite” is on, DVR will cycle record, and save the latest video.



## 6. Time Stamp

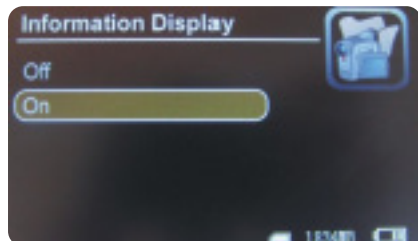
Press **▶▶**/**◀◀** to select "Time Stamp", and press **▶** to enter.

Press **▶▶**/**◀◀** to select "Off"/"On", and press **▶** to confirm & exit. If it's on, video will be saved with synchronous time.



## 7. Information Display

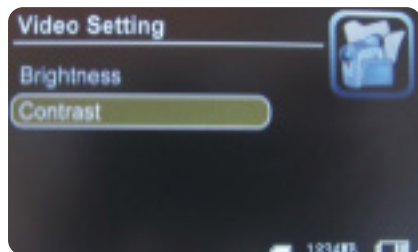
Press **▶▶**/**◀◀** to select "Information Display", and press **▶** to enter. Press **▶▶**/**◀◀** to select "Off"/"On", and press **▶** to confirm & exit. If it's on, screen will display information of working frequency, channel, audio state, date & time, etc. If select "Off", all the information will not be displayed.



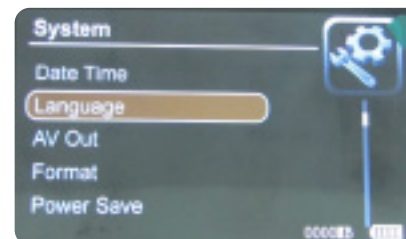
## 8. Video Setting

Press **▶▶**/**◀◀** to select "Video Setting", and press **▶** to enter.

Press **▶▶**/**◀◀** to select "Brightness" or "Contrast"; then press **▶** to enter; then press **▶▶**/**◀◀** to adjust brightness or contrast. Press **▶** to exit.

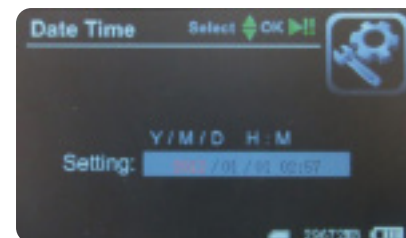


Power DVR on, working mode switched to **🔧** / **🔧** press **▶** to enter into func-tion & system setting. Press **▶▶**/**◀◀** to select "System"; then press **▶** to enter into system menu.



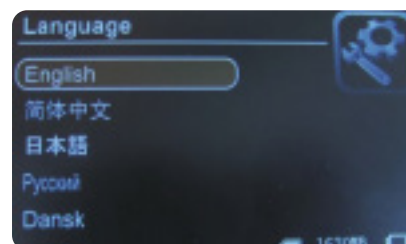
## 1. Date & Time

Press **▶▶**/**◀◀** to select "Date Time", and press **▶** to enter. Press **▶** again to move the cursor, and press **▶▶**/**◀◀** to adjust date & time. Press **▶** to exit.



## 2. Language

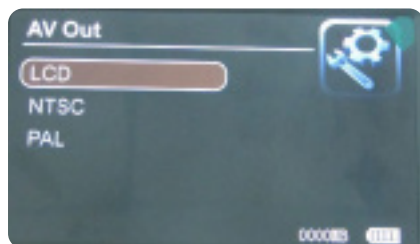
Press **▶▶**/**◀◀** to select "Language", and press **▶** to enter. Press to choose your language. And press **▶** to confirm and exit.





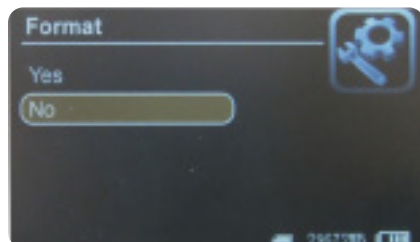
### 3. AV Out

Press **▶▶**/**◀◀** to choose "AV Out", and press **▶** to enter. Press **▶▶**/**◀◀** to choose "PAL/NTSC". Press **▶** to confirm video displayed on TV screen. Pull out AV cable, video will back to DVR screen.



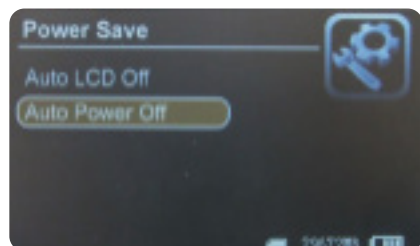
### 4. Format

Press **▶▶**/**◀◀** to select "Format", and press **▶** to enter. Press **▶▶**/**◀◀** to choose "Yes". Press **▶** to confirm & exit.



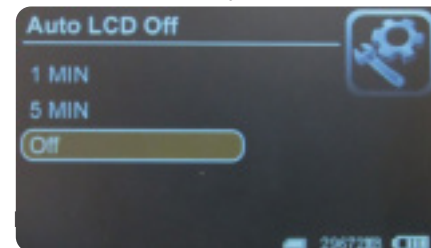
### 5. Power Save

Press **▶▶**/**◀◀** to select "Power Save", and press **▶** to enter:



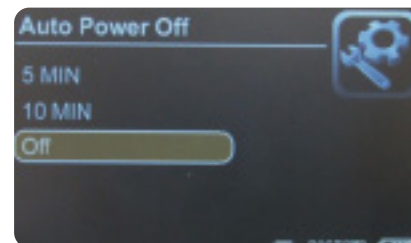
### 1. Auto LCD Off

Press **▶▶**/**◀◀** to select "Auto LCD Off", and press **▶** to enter. Press **▶▶**/**◀◀** to select "1 MIN"/ "5 MIN"/ "Off", and press **▶** to confirm & exit. If turn on "Auto LCD Off", LCD screen will automatically shut off when the set time is due. Press any key to recover screen display.



### 2. Auto Power Off

Press **▶▶**/**◀◀** to select "Auto Power Off", and press **▶** to enter. Press **▶▶**/**◀◀** to select "5 MIN"/ "10 MIN"/ "Off", and press **▶** to confirm & exit. If turn on "Auto Power Off", DVR will automatically shut off when the set time is due.



### 6. Firmware Update:

Press **▶▶**/**◀◀** to select "Firmware Update", and press **▶** to enter. Press **▶▶**/**◀◀** to select "Yes" and press **▶** to start update. Please remember to save update file "zburnT\_C11.run.elf" at root directory of SD card.





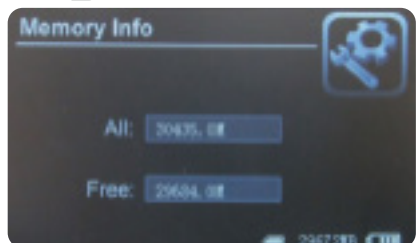
### 7. Default Setup

Press **▶▶**/**◀◀** to select "Default Setup" and press **▶** to enter.  
Press **▶▶**/**◀◀** to **▶** select "Yes" and press **▶** to confirm. Press **▶▶** to exit.



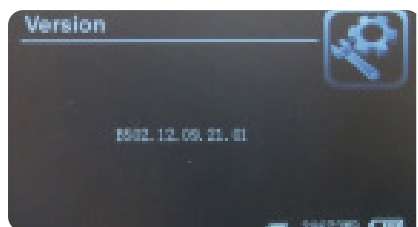
### 8. Memory Info

Press **▶▶**/**◀◀** to select "Memory Info", and press **▶** to view capacity of SD card.  
Press **▶▶** to exit.



### 9. Version

Press **▶▶**/**◀◀** to select "Version" and press **▶** to view version information.  
Press **▶▶** to exit.



### 10. Display Mode

Press **▶▶**/**◀◀** to choose "Display Mode". Press **▶▶**/**◀◀** to choose "16:9/4:3". Then press **▶** to confirm. Press **▶▶** to exit.

## STREAMLINE® Warranty

The warranty on all Machines and Equipment is for 1 year (12-months) from RECORDED DATE OF PURCHASE.

THIS WARRANTY EXCLUDES NORMAL MAINTENANCE ITEMS, including but not limited to HOSES, FILTERS, O-RINGS, DIAPHRAGMS, VALVES, GASKETS, CARBON BRUSHES and damage to motors and other components as a result of failure to replace normal maintenance items. THIS LIST IS NOT EXHAUSTIVE.

If **STREAMLINE®** receives notice of such defects during the warranty period, **STREAMLINE®** will either, at its opinion, repair or replace components which prove to be defective.

Replacement parts will only be supplied under warranty, upon the inspection and approval of the defective parts by **STREAMLINE®**.

Should it be necessary to supply replacement parts before the opportunity to inspect, these will be charged at current prices and credit will only be issued upon subsequent inspection and warranty approval by **STREAMLINE®**.

The customer is responsible for the cost of return of the defective part. If warranty is approved, **STREAMLINE®** will pay for the cost of the repaired or replacement part.

This warranty excludes the following conditions and circumstances which are at the discretion of **STREAMLINE®**:

Wear and tear, misuse, abuse improper maintenance, frost damage, the use of chemicals other than those supplied or approved by **STREAMLINE®**, improper installation or repair, unauthorised modification, incidental or consequential costs, loss or damage, service, labour or third party charges, the cost of returning defective parts to **STREAMLINE®**.

This warranty constitutes the exclusive remedy of any purchaser of a **STREAMLINE®** unit and is in lieu of all other warranties, express or implied, including without limitation any implied warranty of merchantability or fitness for use, to the fullest extent permitted by law. In no event shall any implied warranty of merchantability or fitness for use exceed the term of the applicable warranty stated above and **STREAMLINE®** shall have no other obligation or liability.

### Important

Unfortunately these rights cannot be transferred to a third party.



## Why STEAMLINE®?

## Flexibility

- **STREAMLINE®** systems can be built according to customers' exact requirements
- For non-standard systems, the user's needs or specifications are listened to and turned into reality.

## Quality

- Whilst price is important, quality is remembered long after price is forgotten
- We insist on sourcing brand name products from around the world, only of a reputable quality, and bring them together under the **STREAMLINE®** name
- All STREAMLINE® products carry a full one year's warranty, according to the manufacturers' standard terms and conditions of sale.

## Service

- We have an in-house technical helpline able to answer most of your questions relating to the capabilities and functionalities of all **STREAMLINE\*** products
- If we get it wrong, we will put it right. If you are sent a wrong item, we will immediately attend to sending you the correct item and arrange a collection of the wrong item without any quibbles
- **STREAMLINE\*** is backed by a comprehensive range with massive stocks providing you with a 'one stop shop' for all your requirements.



**MANUFACTURED  
IN THE  
UNITED KINGDOM**



**CHECKED AND  
TESTED BY  
QUALITY CONTROL**



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