



Home / Stainless Steel Cabinet Based TC CCTV Pole

**SKU**

Stainless Steel Cabinet Based CCTV Pole (TC-SS)



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# STAINLESS STEEL CABINET BASED TC CCTV POLE

The TC range of CCTV columns remain the specifiers number one choice for cabinet based columns, for use within city centre and urban schemes. The 400 square cabinet remains the mainstay of this range of columns, with cabinet options of 325 and 500 square readily available for terminating all communication and electrical needs. The proven design, along with many versatile features, keep it at the forefront of CCTV street furniture and it is still the industry standard.

## GENERAL SPECIFICATION

- Standard pan and tilt fixing of 101.6 PCD.
- Built in cable entry and exit points.
- Compatible with WEC adaptors, accessories and anti climbs.
- Flange mounted TC type root.
- Pocket type roots available for restricted foundation locations.
- Heavy duty version loadings up to 25 kg.
- A large variety of standard heights from 3 up to 15 metres\*

\*See Technical Sheet for further information, please note the heights specified are nominal and may vary.

## DESIGN FEATURES

- The ideal column for urban CCTV schemes.
- Proven design accepted by the Highways Agency.
- Integral lockable cabinet base for housing telemetry, fibre optics, spurs etc.
- Excellent stability characteristics ensures minimal camera movement.
- Recommended for installation in high profile and public places.
- Suitable for all public access areas.
- Desirable columns where aesthetics are of importance.
- Totally concealed cable management facility.
- High security and VAULT door options for high risk areas.
- Decorative and ornamental versions available.

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## Technical Specification

Model Ref.	'M' Height	Tilting rear clearance 'R'	Baseplate size 'BxB'	Tube diam. 'D'	Cable access hole 'C'	Maximum equip cap'ty	Weight Kgs	Winch Selection
TC3	3 metres	n/a	550x550	Ø168	325x325	25Kg.	181.3 Kgs.	n/a
TC4	4 metres	n/a	550x550	Ø168	325x325	25Kg.	208.4 Kgs.	n/a
TCT04		1220	550x550	Ø168	325x325	25Kg.	226.4 Kgs.	WUA
TC5	5 metres	n/a	550x550	Ø168	325x325	25Kg.	228.5 Kgs.	n/a
TCT05		1220	550x550	Ø168	325x325	25Kg.	246.5 Kgs.	WUA
TC6	6 metres	n/a	550x550	Ø168	325x325	25Kg.	248.6 Kgs.	n/a
TCT06		1220	550x550	Ø168	325x325	25Kg.	266.6 Kgs.	WUA
TC8	8 metres	n/a	550x550	Ø168	325x325	25Kg.	288.8 Kgs.	n/a
TC8HD		n/a	550x550	Ø219	325x325	25Kg.	331.8 Kgs.	n/a
TCT08		1220	550x550	Ø168	325x325	25Kg.	349.8 Kgs.	WUA
TC10	10 metres	n/a	645x645	Ø219	325x325	25Kg.	384.6 Kgs.	n/a
TC10HD		n/a	645x645	Ø273	325x325	25Kg.	516.1 Kgs.	n/a
TC12	12 metres	n/a	645x645	Ø273	325x325	25Kg.	598.9 Kgs.	n/a

All dimensions in mm unless otherwise stated

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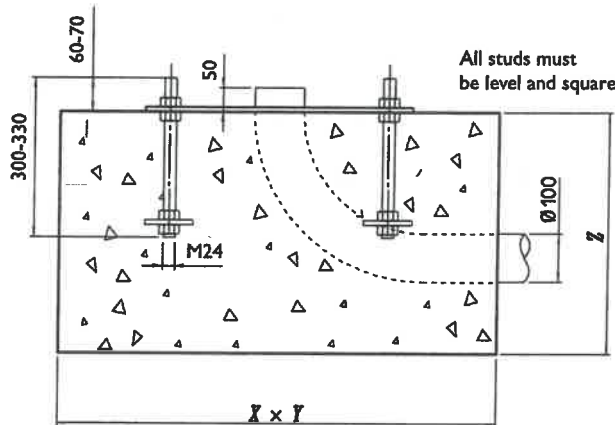
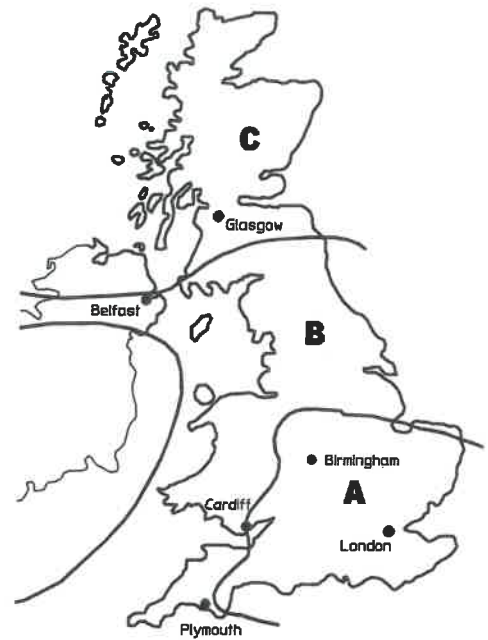
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## Base and Windload Specification

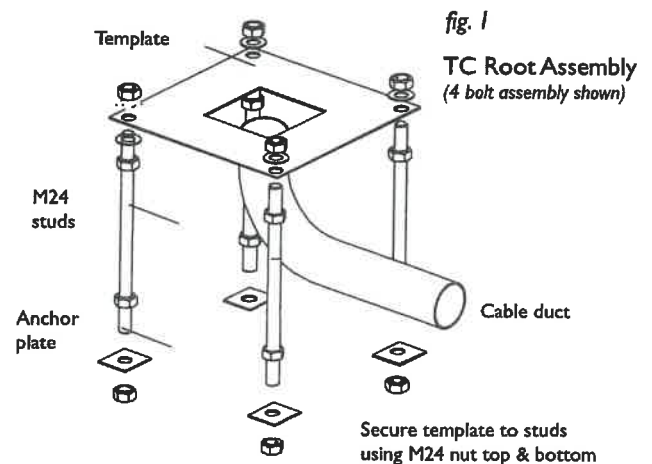
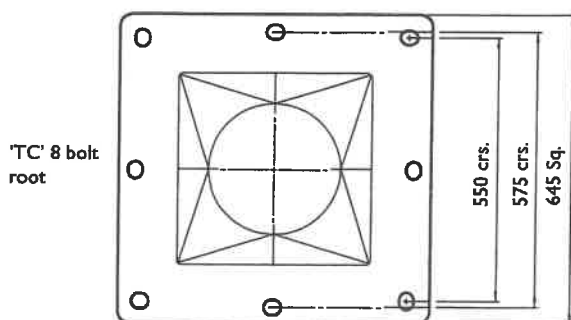
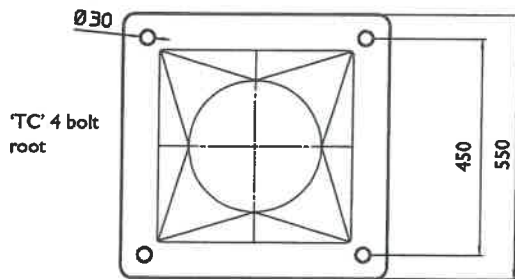
Concrete Foundation Table X x Y x Z							
Model Ref	Height	Area of Country			Area of Town		
		A	B	C	A	B	C
TC3	3m	0.8x0.8x 0.4m Dp.	0.8x0.8x 0.4m Dp.	0.9x0.9x 0.45m Dp.	0.8x0.8x 0.4m Dp.	0.8x0.8x 0.4m Dp.	0.8x0.8x 0.4m Dp.
TC4 TCTO4	4m	0.9x0.9x 0.45m Dp.	0.9x0.9x 0.45m Dp.	0.9x0.9x 0.45m Dp.	0.8x0.8x 0.4m Dp.	0.9x0.9x 0.45m Dp.	0.9x0.9x 0.45m Dp.
TC5 TCTO5	5m	1.0x1.0x 0.5m Dp.	1.0x1.0x 0.5m Dp.	1.0x1.0x 0.5m Dp.	0.9x0.9x 0.45m Dp.	1.0x1.0x 0.5m Dp.	1.0x1.0x 0.5m Dp.
TC6 TCTO6	6m	1.0x1.0x 0.5m Dp.	1.1x1.1x 0.55m Dp.	1.2x1.2x 0.6m Dp.	1.0x1.0x 0.5m Dp.	1.1x1.1x 0.55m Dp.	1.1x1.1x 0.55m Dp.
TC8 TCTO8	8m	1.2x1.2x 0.6m Dp.	1.3x1.3x 0.65m Dp.	1.3x1.3x 0.65m Dp.	1.1x1.1x 0.55m Dp.	1.2x1.2x 0.6m Dp.	1.3x1.3x 0.65m Dp.
TC10	10m	1.4x1.4x 0.7m Dp.	1.5x1.5x 0.75m Dp.	1.6x1.6x 0.8m Dp.	1.3x1.3x 0.65m Dp.	1.4x1.4x 0.7m Dp.	1.5x1.5x 0.75m Dp.
TC12	12m	1.7x1.7x 0.85m Dp.	1.8x1.8x 0.9m Dp.	1.9x1.9x 0.85m Dp.	1.6x1.6x 0.8m Dp.	1.7x1.7x 0.85m Dp.	1.8x1.8x 0.9m Dp.

A minimum soil bearing pressure of 75 KN/m<sup>2</sup> is assumed



### Installation Method

1. From the map, select location of installation
2. Excavate as per recommended area and depth
3. Assemble root base as shown in fig. 1
4. Insert root base into the hole ensuring that it is level and that the four studs protrude 60-70mm above the concrete foundation
5. Fit the cable duct if routing via the interior of the column. A plastic pipe of approximately 100mm outside diameter is recommended for this. Ensure this protrudes through the template by 50mm minimum.
6. Pour concrete ensuring that it is a mix of C35 to table 6 BS 8110 and then tamp down well
7. Fit the setting template over the four protruding studs, double-checking that they are level and that clear access can be gained to the cable duct if it is being used
8. Leave the concrete to cure for a minimum of 72 hours prior to attempting to erect the column
9. When fitting the column, ensure that the concrete base is in complete contact with the underside of the column and grout accordingly
10. When the column has been fitted, protect the studs with a suitable protective coating. Denzo tape or similar is recommended for this



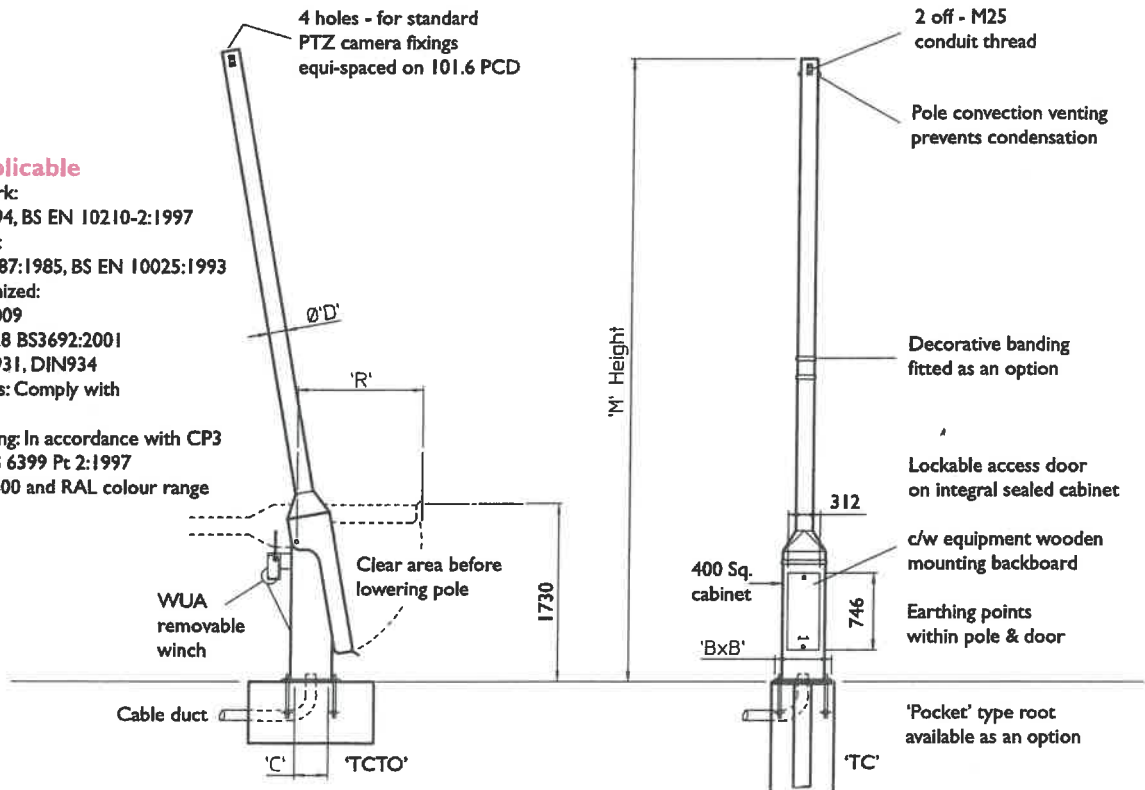
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TC6	6 metres	n/a	550x550	Ø168	325x325	25Kg.	248.6 Kgs.	n/a
TCTO6		1220	550x550	Ø168	325x325	25Kg.	266.6 Kgs.	WUA
TC8	8 metres	n/a	550x550	Ø168	325x325	25Kg.	288.8 Kgs.	n/a
TC8HD		n/a	550x550	Ø219	325x325	25Kg.	331.8 Kgs.	n/a
TCTO8		1220	550x550	Ø168	325x325	25Kg.	349.8 Kgs.	WUA
TC10	10 metres	n/a	645x645	Ø219	325x325	25Kg.	384.6 Kgs.	n/a
TC10HD		n/a	645x645	Ø273	325x325	25Kg.	516.1 Kgs.	n/a
TC12	12 metres	n/a	645x645	Ø273	325x325	25Kg.	598.9 Kgs.	n/a

All dimensions in mm unless otherwise stated

### Standards Applicable

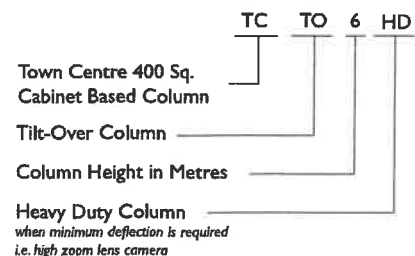
- Structural Steelwork: BS EN 10210-1:1994, BS EN 10210-2:1997
- General Steelwork: BS1449:1991, BS1387:1985, BS EN 10025:1993
- Hot Dipped Galvanized: BS EN ISO 1461:2009
- Fasteners: Grade 8.8 BS3692:2001 BS4190:2001, DIN931, DIN934
- Welding Procedures: Comply with BS EN 1011-2:2001
- Design Wind Loading: In accordance with CP3 chapter V Pt 2 & BS 6399 Pt 2:1997
- Paint Finishes: BS4800 and RAL colour range



### Options & Accessories

- Enlarged cabinet (500 Sq.)
- All pan/tilt, dome, fixed camera mount bracketry
- Transferable winch for tilt-over columns
- Double door access (partitioned cabinet)
- Camera wash equipment (static columns only)
- Ornate camera mounting brackets

### Product Ref & Ordering Information





# Specifications

## General Information

ADI Part Number

NDP-5523-Z30L

Brand Name

Bosch

Manufacturer Part Number

NDP-5523-Z30L

Product Model

NDP-5523-Z30L

Product Series

5100i

Weight (Approximate)  
(g)

9900

The Bosch Group



Effective Camera Resolution

4MP

Bosch Bosch NDP-5523-Z30L 5100i

Autodome Series, 4MP Starlight 30x Optical

Zoom PTZ Camera, 6.6-198mm Lens, IR

320M, IP66, White

Maximum Frame Rate

60 fps

Night Vision Type

Colour

Optical Zoom

30x

HD Recording

Yes

Maximum Focal Length (mm)

198

Night Vision

Yes

Number of IR LEDs

4

Video Formats

H.264, H.265, MJPEG

## Camera



Image Sensor Type

CMOS

Night Vision Distance

320 m

Night Vision Distance (mm)

320000

Display & Graphics

Effective Camera Resolution (Pixel)  
4000000

Maximum Video Resolution  
2560 x 1440



Maximum Operating Temperature (°F)  
140

Minimum Operating Temperature (°F)  
-40

Interfaces/Ports

Network (RJ-45)

Yes  
Bosch NDP-5523-Z30L 5100i  
Autodome-Series, 4MP Starlight 30x Optical  
Zoom PTZ Camera, 6.6-198mm Lens, IR  
Lens, IP66, White

Focal Length

6.6-198 mm

Lens Included

Yes

Maximum Focal Length  
198 mm

Network & Communication

Remote Management

Yes



## Physical Characteristics

Colour

White

Form Factor

Dome

Width (mm)

79.5

Depth (mm)

456

Weight (Approximate)

9.90 kg



## Miscellaneous

Environmentally  
Friendly

Bosch Bosch NDP-5523-Z30L 5100i  
Autodome-Series, 4MP Starlight 30x Optical  
Zoom PTZ Camera, 6.6-198mm Lens, IR  
320M, IP66, White

Impact Protection  
Rating  
IK10

Ingress Protection  
Rating  
IP66

Features

Auto Gain Control,  
Automatic White  
Balance, Built-in  
Infrared Illuminator,  
Day/Night, Defog,  
Dynamic Noise

Indoor/Outdoor

Outdoor

TAA Compliant

No



# Main Features

- Provides night vision of objects at a distance of up to 320 m
- CMOS sensor is cheaper as compare to CCD and consumes less power while producing better HD videos
- 30X, 4MP high detail at fast speeds (60 fps)
- Starlight technology with 1/1.8 inch HD sensor for excellent low-light performance
- Rain-sensing wiper for improved images in rain and in dirty urban conditions

# Information



ts, PTZ Security Cameras

less

Bosch Bosch NDP-5523-Z30L 5100i  
Autodome-Series, 4MP Starlight 30x Optical  
Zoom PTZ Camera, 6.6-198mm Lens, IR  
320M, IP66, White

