



Camera poles



Camera poles

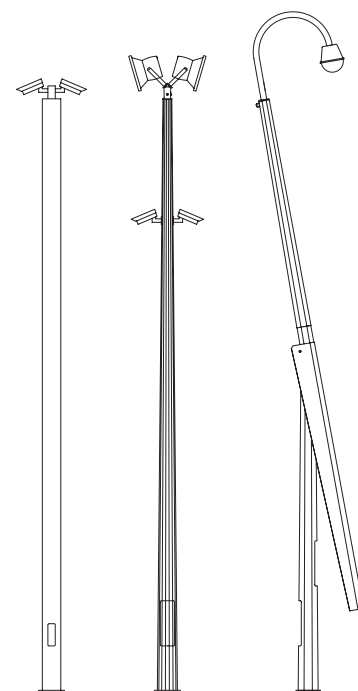
The Camera pole range with mounting heights of up to 15 metres, have been designed as a 16-sided tapered pole (hexadecagon) to reduce shaft deflection – to ensure least possible movement for highly accurate and clear vision required for all surveillance and security needs. Where maintenance access of camera's is restricted or limited, a mid hinge camera pole will be the ideal solution. Allowing the pole and camera to be lowered to ground level without the need of any expensive equipment.

Applications

Freeway traffic monitoring
 Parking lot surveillance
 Facility perimeter security and lighting
 Prison yard observations
 Airports

Design options & accessories

- Ideally designed as a 16-sided pole, however round tapered can be manufactured.
- The Camera pole range is base plate mounted.
- All poles are hot dip galvanized to AS/NZS 4680:2006, and can be powder coated or painted.
- Camera adaptors are available.
- Security or tamper proof screws for access door covers.
- Square section poles of mounting height up to 5 metres, can be used as camera poles
- The product data sheet represents the standard range, but other heights, section sizes and deflection criteria can be custom designed to meet specific requirements.
- Fixed camera poles require slip joint assembly for poles over 11 metres in height.
- Slip joint assembly required for all mid hinge poles.



NOMINAL HEIGHT	PRODUCT CODE	MAXIMUM DEFLECTION	MAXIMUM SAIL AREA	MAXIMUM TOP MASS	POLE DIAMETER		DOOR SIZE		BOLT CONFIGURATION	LIMIT STATE BASE MOMENT	LIMIT STATE BASE SHEAR	POLE MASS
m		mm	m ²	kg	TOP	BOTTOM	LENGTH	WIDTH	PCD	kNm	kN	kg
FIXED CAMERA POLES TO AS 4806.2 - 2006												
4	CCTVRI4	2	0.20	30	120	255	610	180	4 x M24@350	2.0	0.9	78
5	CCTVRI5	5	0.20	30	120	240	610	180	4 x M24@350	2.8	1.0	91
6	CCTVRI6	6	0.20	30	120	300	610	190	4 x M30@500	4.2	1.3	126
7	CCTVRI7	6	0.58	48	160	390	610	190	4 x M30@500	11.2	2.9	282
8	CCTVRI8	8	0.20	30	120	430	610	190	12 x M30@640	8.7	2.3	225
10	CCTVRI10	10	0.20	30	120	510	610	190	12 x M30@640	15.4	3.5	390
12	CCTVRI12	12	0.20	30	160	565	610	190	16 x M30@680	23.9	4.7	730
15	CCTVRI15	15	0.20	30	275	655	610	190	16 x M36@800	55.5	8.2	1644

MID HINGE CAMERA POLES TO AS 4806.2 - 2006												
4	CCTVMHRI4	4	0.20	30	130	170	300	130	4 x M20@233	2.2	0.9	85
6	CCTVMHRI6	6	0.20	30	100	362	410	130	4 x M30@500	5.5	2.2	192
10	CCTVMHRI10	10	0.20	36	112	570	410	130	16 x M30@680	21.6	6.1	700
15	CCTVMHRI15	15	0.20	36	122	760	410	130	16 x M36@800	61.3	12.6	2415
20	CCTVMHRI20	20	0.20	36	101	850	610	190	16 x M30@980	101.0	13.6	3620

FIXED CAMERA POLES												
6	CCTVB6	10	0.20	30	120	240	610	190	4 x M24@350	3.9	1.2	106
8	CCTVB8	18	0.20	30	120	265	610	190	4 x M24@350	7.1	1.7	181
10	CCTVB10	31	0.20	30	120	310	610	190	4 x M30@500	12.0	2.5	262
12	CCTVB12	46	0.20	30	130	330	610	190	4 x M30@500	17.9	3.2	377
15	CCTVB15	58	0.20	30	130	385	610	190	4 x M30@500	30.8	4.6	719

MID HINGE CAMERA POLES												
6	CCTVMH6	12	0.20	36	98	260	410	130	4 x M24@350	4.9	1.8	167
10	CCTVMH10	48	0.20	36	110	280	410	130	4 x M24@350	15.3	3.6	387
15	CCTVMH15	45	0.20	36	135	375	410	130	4 x M30@500	42.8	7.1	2274
20	CCTVMH20	48	0.20	36	101	670	610	190	12 x M30@800	85.0	11.2	1991

NOTES:- INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE, PLEASE ENSURE THAT INFORMATION IS CURRENT AT TIME OF ORDER

1 - TOPOGRAPHIC MULTIPLIER (Mt) IN ACCORDANCE WITH AS1170.2 - 1.0

2 - TERRAIN CATEGORY 2 IN ACCORDANCE WITH AS1170.2

3 - BASE OF POLE AT GROUND LEVEL AND NOT ELEVATED

4 - SERVICABILITY DEFLECTION LIMIT = HEIGHT DIVIDED BY 15

5 - LIMIT STATE BASE MOMENT AND SHEAR IS BASED ON 0.20m² SAIL AREA

6 - MAXIMUM SAIL AREAS HAVE BEEN DESIGNED FOR CAMERAS ONLY

7 - POLE DIAMETER IS MEASURED AS THE FLAT TO FLAT DIMENSION

8 - SAIL AREAS AND TOP MASSES DO NOT INCLUDE ALLOWANCE FOR MAINTENANCE ACCESS

9 - IMPORTANCE LEVEL 1 IN ACCORDANCE WITH THE BUILDING CODE OF AUSTRALIA

10 - ALL POLES DESIGNED FOR REGION A IN ACCORDANCE WITH AS1170.2

11 - TOP POLE DEFLECTIONS HAVE BEEN CALCULATED USING DESIGN WIND SPEED OF 27.8m/s (100km/h)

12 - COPYRIGHT © 2008 COULTHARD SHIM PTY LTD & COSLEE HEAVY METAL FABRICATORS PTY LTD