

→ AW1859 & AW4460 Tubular Tilt Down Poles



AW4460/4



AW1859/5

Height range 4m - 12m

The AW4460 is a light duty tilt down tubular pole more suitable for fixed camera and dome installations, whereas the AW1859 range is a heavier duty product suitable for medium to heavy PTZ applications. Both products give a neat and aesthetic appearance and are suitable for installations where the public have access, whilst enabling camera equipment to be serviced at ground level. Flush doors and secure locks make these secure products, designed for security installations. A full range of standard accessories back up this comprehensive range of tilt down poles.

Typically used for the following types of installation

- o Industrial and commercial premises
- o Perimeter detection
- o Schools and universities
- o Prisons and detention facilities
- o Railway platforms & car parks
- o Car parks
- o Public area CCTV
- o Retail Parks
- o Sports stadia

Security Features

- o Internal cabling
- o Close fitting flush doors
- o Solid secure heavy duty door locks
- o Internal padlock facility to protect against un-authorised lowering
- o Can be mounted with anchor bolts below ground level

General Features

- o Stable structures for all camera types
- o Suitable for public access areas
- o Demountable winches allow for a secure installation whilst also reducing costs on multiple installations
- o Compartments have doors that are close fitting and flush with heavy duty secure locks and are complete with treated backboard
- o Available in bolt down and embedded/direct burial versions
- o A wide range of standard Altron Accessories and Brackets available
- o Pole adaptations available to suit customers/project specific requirements
- o Constructed in high tensile steel and hot dip galvanised after fabrication for durability
- o Option of painting over the galvanised finish in colours available from BS and RAL colour charts
- o Also available in 316 stainless steel, architectural finish
- o For design, manufacturing and finishing standards, see details on page 107



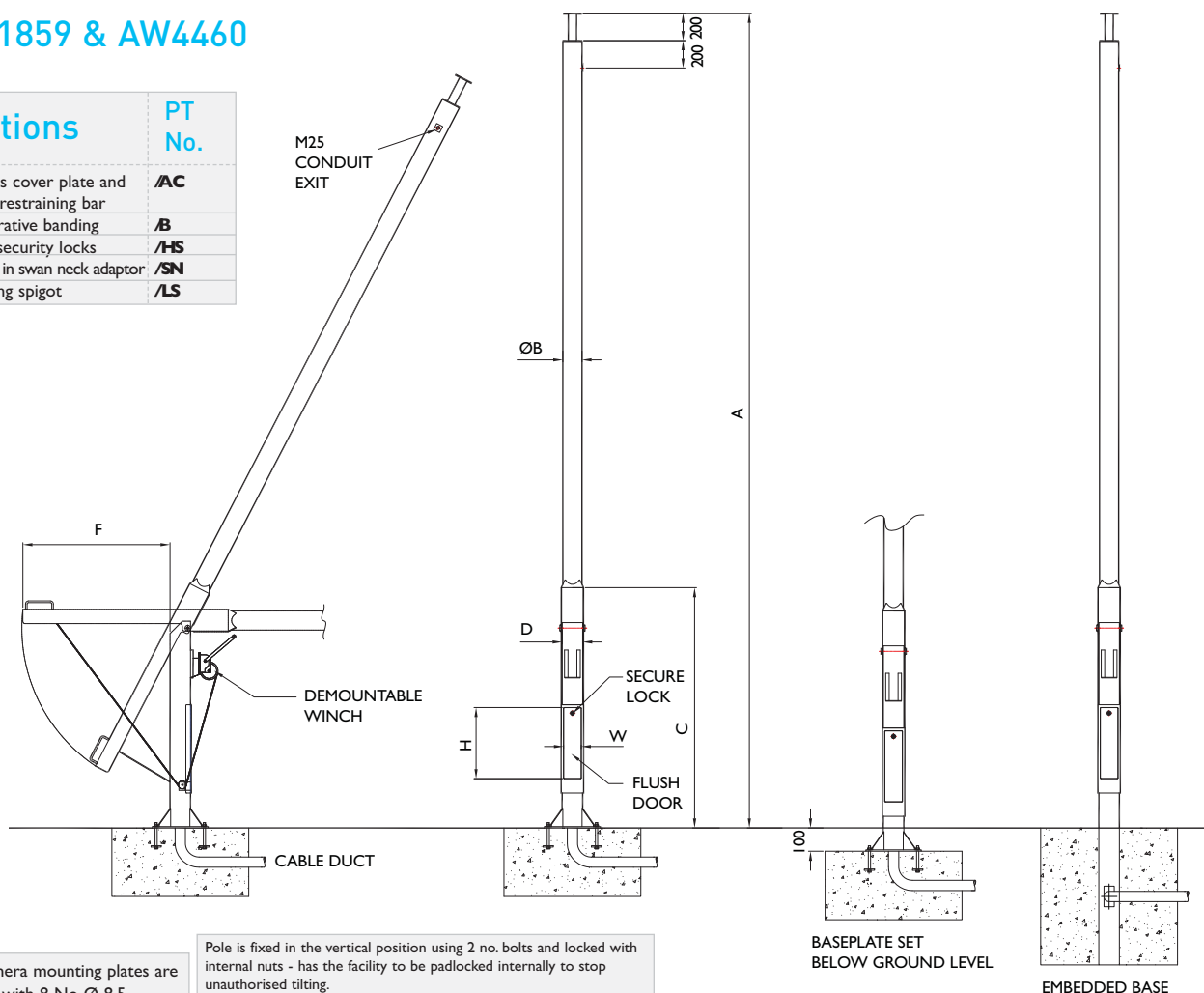
AW1859/6 in tilted position

AW1859/4460 Tubular Tilt Down Pole ← Technical Specification

AW1859 & AW4460

Options

| Options | PT No. |
|--|------------|
| Access cover plate and cable restraining bar | /AC |
| Decorative banding | /B |
| High security locks | /HS |
| Screw in swan neck adaptor | /SN |
| Lighting spigot | /LS |



All camera mounting plates are
Ø 127 with 8 No Ø 8.5
equi-spaced on 101.6 PCD.
Ø 40 thro' column spacer

Pole is fixed in the vertical position using 2 no. bolts and locked with internal nuts - has the facility to be padlocked internally to stop unauthorised tilting.

Poles complete with treated equipment mounting board inside compartments. Earthing lugs within pole & on door

BASEPLATE SET
BELOW GROUND LEVEL

EMBEDDED BASE

FOR FOUNDATION & BOLTING
DETAILS REFER TO PAGE 29

Tubular Poles Fixed
& Tilt Down

| Model No. | Height in mtrs A | Max equip weight at pole top kgs | Max equip surface area m ² | Pole ØB | Post size D ² | Post height C | Pole rear clearance when tilting F | Door aperture H x W | Winch part number | Product weight kgs |
|---|---------------------|-------------------------------------|--|---------|-----------------------------|------------------|---------------------------------------|------------------------|-------------------|-----------------------|
| AW4460 TILT-DOWN POLES - suitable for loads up to light PTZ and dual dome applications | | | | | | | | | | |
| AW4460/4 | 4 | 25 | 0.25 | 114 | 150 | 1700 | 1800 | 500x110 | DW1000/60 | 115 |
| AW4460/5 | 5 | 25 | 0.25 | 114 | 150 | 1700 | 1800 | 500x110 | DW1000/60 | 130 |
| AW4460/6 | 6 | 25 | 0.25 | 114 | 150 | 1700 | 1800 | 500x110 | DW1000/60 | 145 |
| AW4460/7 | 7 | 25 | 0.25 | 139 | 150 | 2000 | 2200 | 500x110 | DW1500/60 | 198 |
| AW4460/8 | 8 | 25 | 0.25 | 139 | 150 | 2000 | 2200 | 500x110 | DW1500/60 | 216 |
| AW1859 TILT-DOWN POLES - suitable for heavier PTZ applications and for heights up to 12m | | | | | | | | | | |
| AW1859/4 | 4 | 40 | 0.40 | 139 | 150 | 1700 | 1800 | 500x110 | DW1000/59 | 125 |
| AW1859/5 | 5 | 40 | 0.40 | 139 | 150 | 1700 | 1800 | 500x110 | DW1000/59 | 147 |
| AW1859/6 | 6 | 30 | 0.40 | 139 | 150 | 1700 | 1800 | 500x110 | DW1000/59 | 170 |
| AW1859/7 | 7 | 30 | 0.40 | 168 | 180 | 2000 | 2200 | 500x130 | DW1500/59 | 253 |
| AW1859/8 | 8 | 30 | 0.40 | 168 | 180 | 2000 | 2200 | 500x130 | DW1500/59 | 275 |
| AW1859/9 | 9 | 30 | 0.40 | 193 | 200 | 2700 | 2900 | 500x140 | DW2500/59 | 401 |
| AW1859/10 | 10 | 30 | 0.40 | 193 | 200 | 2700 | 2900 | 500x140 | DW2500/59 | 427 |
| AW1859/11 | 11 | 25 | 0.30 | 193 | 200 | 2700 | 2900 | 500x140 | DW2500/59 | 453 |
| AW1859/12 | 12 | 25 | 0.25 | 193 | 200 | 2700 | 2900 | 500x140 | DW2500/59 | 479 |

Where payloads are greater than those stated above, please contact Altron
All dimensions in mm unless stated otherwise

Accessories

| | |
|---|-----|
| Top mounting brackets for Fixed and PTZ cameras | P76 |
| Swanneck brackets for Dome cameras | P81 |
| Anti-climb guards | P77 |
| Clamp-on camera mounting brackets | P79 |
| Telemetry box mounting brackets | P77 |
| Pole top mounting cages | P83 |
| PIR mounting ring | P84 |

Quick reference

| | |
|-----------------------------|-----------------|
| Single fixed camera knuckle | PTS-I |
| Twin fixed camera bracket | TB2-600F |
| Half swanneck for dome | AW1699H |
| Full swanneck for dome | AW1699F |
| Anti climb guard | SGC |
| PIR mounting ring | AW1962 |
| Telemetry bracket | ATBC |