



ANCT6

Height range 4m - 10m

Altron Nested Camera Towers are designed to be a secure mounting solution, where a lattice tower is the preferred mounting option. Cabling through the tower is completely concealed thanks to its patented hinge design and there is a secure access door and treated backboard within the base post so that connections and equipment are situated inside the tower.

Installation is made easy by the use of a simple bolt frame for setting the holding down bolts and a large entry point into the base post provides clear access for cable ducts. The footprint of the tower is small and the appearance is neat and compact due to the base post 'nesting' inside the tower.

ANCT towers give good rigidity and are suitable for exposed locations. Ideal for medium to heavy camera installations or lighter applications where rigidity is paramount, a full range of accessories are available and all tower components are held in stock. **ANCT Towers** are not ideally suited for public area installations due to their climbable nature.

Typically used for the following types of installation

- o Industrial and commercial premises
- o Perimeter detection
- o Utilities sites
- o Car parks
- o Petrochemical sites
- o Securing compounds
- o Military and high security sites

Security Features

- o Internal cabling
- o Internal padlock facility
- o Close fitting flush doors
- o Solid secure heavy duty door locks

General Features

- o Modular construction in 2 metre sections for ease of assembly and installation on site
- o Large integrated cabinet, allowing equipment mounting and internal cable connections
- o Patented method of internal cabling pathway, through cabinet and tilt-mechanism, up through tower leg and exiting via conduit exit points.
- o Simple method of pre-casting base connections - only bolts need to be cast, no other steelwork
- o Large cable duct entry into bottom of base post
- o Ideal for restricted access areas
- o Provides stable mounting platform for all camera types
- o Demountable winches ensure towers are secure and reduces costs on multiple installations
- o Enables camera maintenance at ground level, therefore reducing maintenance costs
- o A wide range of standard Altron Accessories and Brackets available ex stock
- 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 For design, manufacturing and finishing standards, see details on page 107



ANCT winch mounting arrangement



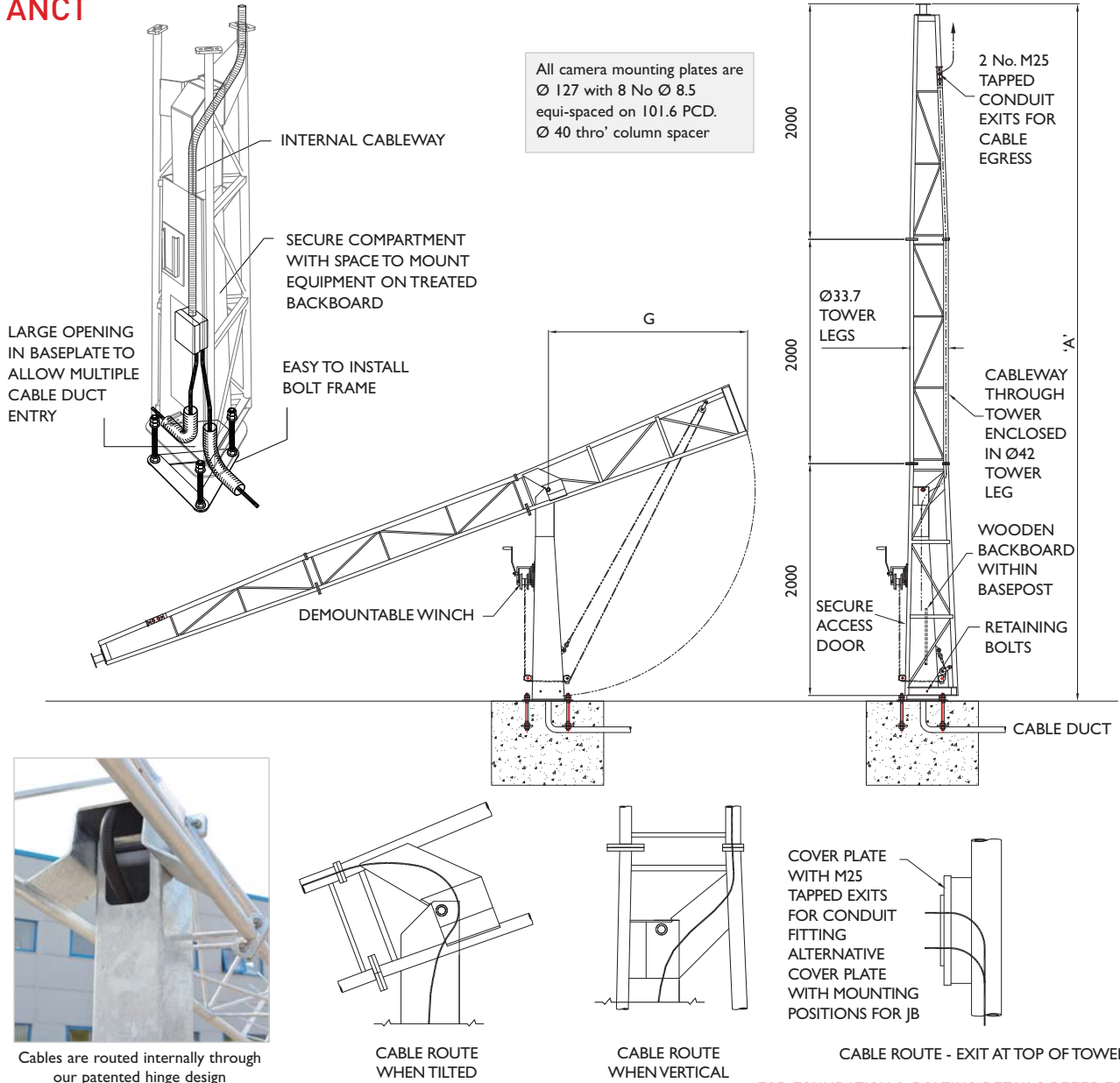
Large equipment mounting backboard



ANCT/6 in tilted position

ANCT Modular Towers ← Technical Specifications

ANCT



FOR FOUNDATION & BOLTING DETAILS REFER TO PAGE 21

Cable and Conduit Installation Notes

When installing cables within the lower leg, cables should be enclosed within flexible conduit. Where there are too many cables to fit inside a continuous flexible conduit, then a split conduit should be used at the hinge point between the base post and the tower section, locally (see photograph on this page showing flexible conduit in position). Some slack should be left in cables – approx 100mm – to ensure that the cables do not pull tight when the tower tilts down.

Model No.	Height mtrs A	Max equip weight at top kgs	Max equip surface area m ²	Tower rear clearance when tilting G	Cabinet door size H x W	Back board size & compartment depth H x W x D	Winch part number	Product weight kgs
ANCT 4	4	50	0.5	2000	600x165	570x170x150	DW1000/ANCT	145
ANCT 6	6	50	0.4	2000	600x165	570x170x150	DW1000/ANCT	172
ANCT 8	8	30	0.25	2000	600x165	570x170x150	DW2500/ANCT	199
ANCT 10	10	25	0.2	2000	600x165	570x170x150	DW2500/ANCT	226

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	P78
Telemetry box mounting brackets	P77
Tower top mounting cages	P83

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	SGT3/HD
Telemetry bracket	ATBT