

TURNSTAR RELIABLE * DURABLE * GUARANTEED

POLES & BRACKETS









GENERAL INFORMATION ON POLES

All poles come in recess 1000mm design, or surface mount design with base plate.
Standard pole heights from 3000mm up.

ild Steel

Composition: 0.05% to 0.25% carbon, with negligible amounts of chromium and nickel.

Cost-Effective: More affordable than stainless steel; often used in budget-sensitive projects.

Coating Requirements: Needs protective coatings (like galvanization) to prevent rust.

Robustness: Strong enough to support heavy solar panel arrays.

Maintenance: Requires regular upkeep to prevent corrosion.

304 Stainless Steel

Composition: 18% chromium, 8% nickel, and up to 0.08% carbon.

Durability: Good corrosion resistance makes it suitable for outdoor installations.

Weight: Lightweight, which facilitates easier installation.

Finish: Can be polished for aesthetic appeal.

Corrosion Resistance: Performs well in

moderate moisture environments.

Cost-Effectiveness: Affordable while offering adequate durability.

316 Stainless Steel

Composition: 16% chromium, 10% nickel, 2% molybdenum, and up to 0.08% carbon

Superior Corrosion Resistance: Ideal for coastal areas and high humidity environments

Longevity: Enhanced rust resistance leads to lower maintenance costs.

Marine Environments: Excellent for installations near the ocean or in saline conditions.

Strength: Maintains integrity in harsh weather.

3CR12 Stainless Steel

Low-cost, utility-grade ferritic stainless steel developed as an alternative to carbon steel with improved corrosion resistance.

It contains 12% chromium and has good weldability, moderate strength, and high toughness. 3CR12 is commonly used in structural applications, mining, transportation, and industrial environments where mild corrosion resistance is required.

It is less corrosion-resistant than austenitic stainless steels but performs well in mildly corrosive conditions..

Round Tube

88,9mm Diameter 2 - 5mm Wall Thickness

101.6mm Diameter 3mm - 6mm Wall Thickness

127mm Diameter 3mm - 6mm Wall Thickness

152mm Diameter 3mm - 6mm Wall Thickness

Square Tube

75mm x 75mm 2mm Wall Thickness

100mm x 100mm 3mm - 6mm Wall Thickness

120mm x 120mm 3mm – 6mm Wall Thickness

152mm x 152mm 3mm – 6mm Wall Thickness

MATERIAL FINISHES

STAINLESS STEEL



POWDER COATED



GALVANISED

PLASTIC COATED



PLASTIC COATING

What is Plastic Coating?

Plastic Coating is a thermoplastic coating specifically designed to provide a longer-lasting, durable coating for exterior applications. The Plastic Coating is resistant to cracking, detergents, adverse weather conditions, salt spray and the most typical airborne pollutants.

The Plastic Coating product used has achieved "Test Certification" under the specifications of the "ISO 12944-6 Paints and varnishes" – Corrosions protection of steel structures by: Protective paint systems – Part 6: "Laboratory performance test".

Key Features:

- Superior resistance to salt, and sun
- Excellent abrasion protection
- High flexibility
- Excellent environmental credentials: no bisphenol A (BPA free), no VOC's, no TGIC, no phthalates, no isocyanates, no halogens and no heavy metals
- Sound insulation
- Excellent coverage of edges and welds
- Very low smoke in event of fire

Benefits:

- Highly durable: how extreme weatherability might be, Plascoat provides long life for the coated assets
- Highly economical: no primer required, no maintenance during the product life
- Safe and dependable: easy to clean surface with a warm touch effect
- Is unaffected by salt spray, stone chips and temperature extremes
- Universal and versatile
- Relies on almost 30 years proven performance

Used in wide array of application:

- Fencing
- Outdoor furniture
- Construction
- Automotive

BUDGET POLES





BUDGET CAMERA POLE HINGED

HEIGHTS FROM - 3000MM TO 6000MM ROUND OR SQUARE TUBE COMES STANDARD WITH ONE CAMERA MOUNT





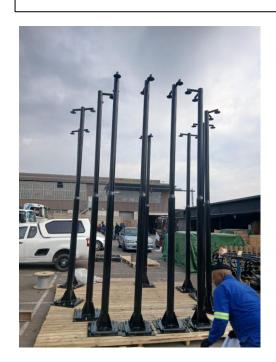


BUDGET UL POLE PERIMETER POLE

STANDARD FIXED REDUCED POLE HINGED



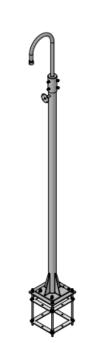
HEIGHT FROM - 3000MM-8000MM
VERSATILE CAMERA POLE
COMES STANDARD WITH ONE
CAMERA MOUNTING PLATE .
YOU CAN ADD A CANDYSTICK FOR
PTZ CAMERA.
CABLESTAYS FOR STABILITY FROM 6M
UP FOR PTZ STABILITY.



CANDY-STICK POLE HINGED

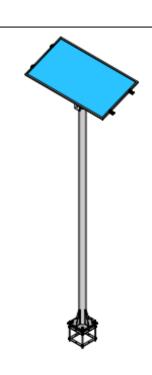


HEIGHT - 3000MM-8000MM COMES STANDARD WITH CANDY STICK FOR PTZ CAMERA AND 1 CAMERA MOUNTING PLATE. CABLE STAYS FROM 6M AND UP FOR PTZ STABILITY.

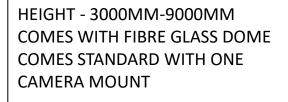


SOLAR POLE HINGED

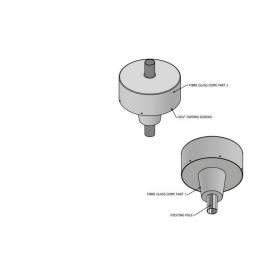
HEIGHT - 3000MM-8000MM
SOLAR BRACKET 360 DEGREE
ROTATION TO HOUSE UP TO TWO
SOLAR PANELS
COMES STANDARD WITH ONE
CAMERA MOUNT
CABLE STAYS FROM 6M AND UP



CCTV ROAD POST HINGED



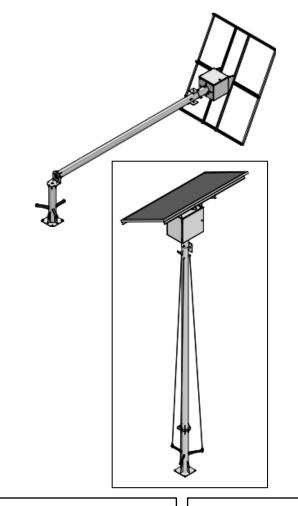


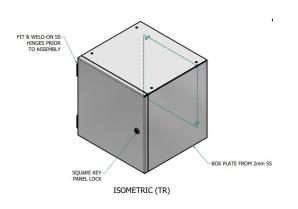


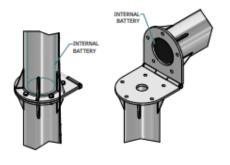
POWER POLE HINGED



HEIGHT - 3000MM-8000MM
SOLAR BRACKET 360 DEGREE
ROTATION
BIRD BOX 450X450X400MM
COMES STANDARD WITH ONE
CAMERA MOUNT
CABLE STAYS FROM 6M AND UP









SMALL PACK 50W

12V105amp Battery MPPT 75/15 Inverter 12/500 Solar Panel 550w

MEDIUM PACK 100W

24V105amp Battery MPPT 100/20 Inverter 24/500 Solar Panel 595w

LARGE PACK 150W

25.6V105amp Battery MPPT 100/50 Inverter 24/500 Solar Panel 550w

CANTILEVER POLE HINGED

HEIGHT - 8000MM- 18000MM CANDY STICK FOR PTZ CAMERA COMES STANDARD WITH ONE CAMERA MOUNT. CABLE STAYS 2500KG ELECTRICAL 12V WINCH

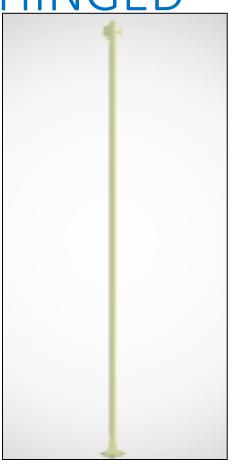
CANDY-SOLAR POLE HINGED



HEIGHT - 8000MM - 18000MM CANDY STICK FOR PTZ CAMERA UP TO 2 SOLAR BRACKETS FOR 550W PANEL BIRD BOX 450X450X400MM CABLE STAYS 2500KG ELECTRICAL 12V WINCH

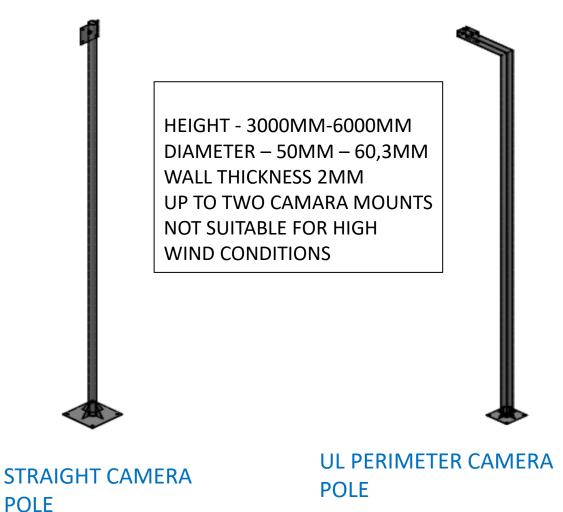


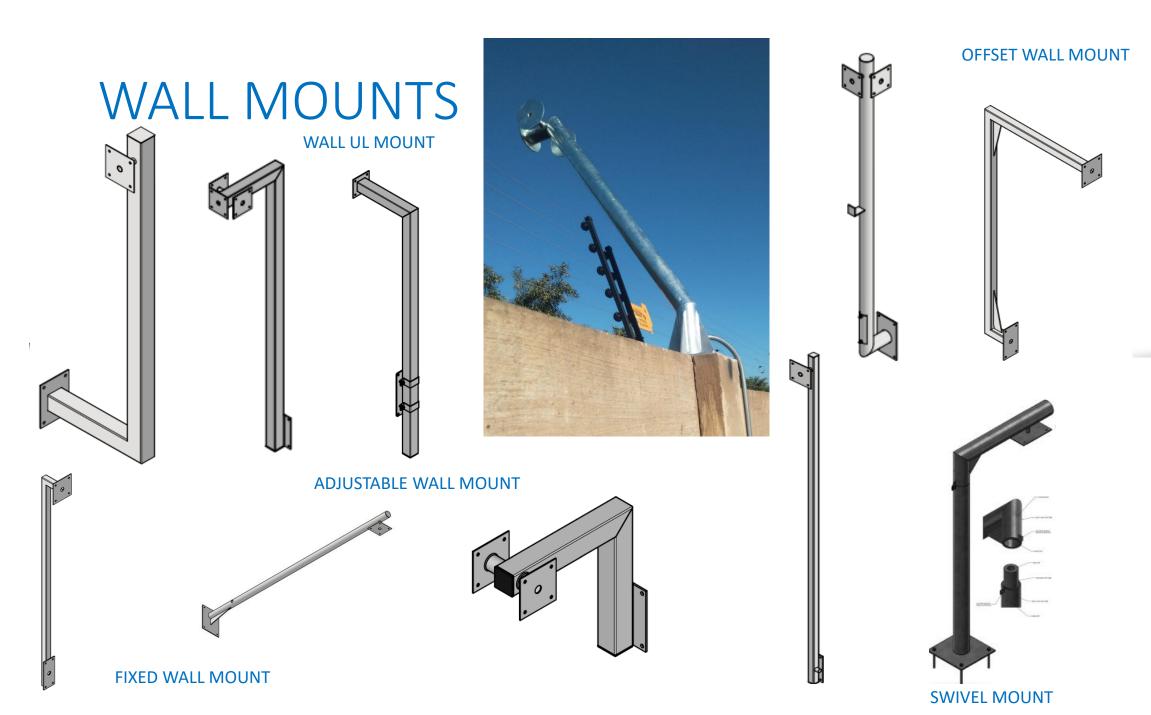
FIBRE GLASS POLES HINGED



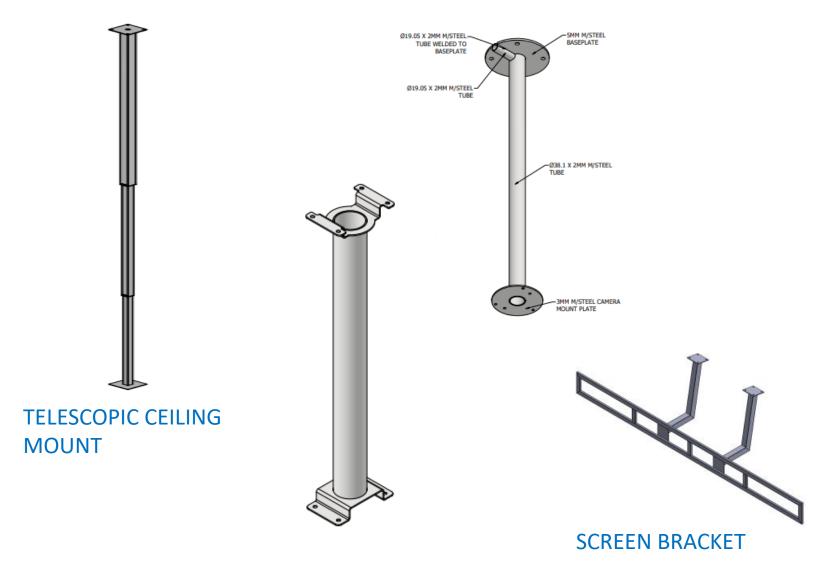
HEIGHT - 3000MM-6000MM CAMERA ONLY POLE HINGED BASE COMES STD WITH ONE CAMARA MOUNT

LOW COST POLES

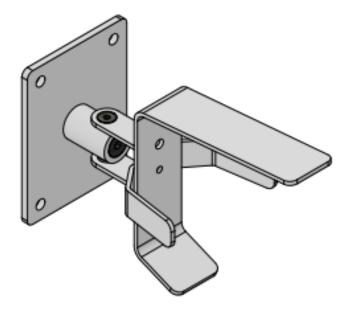




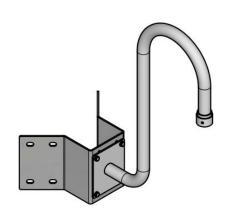
CEILING MOUNTS



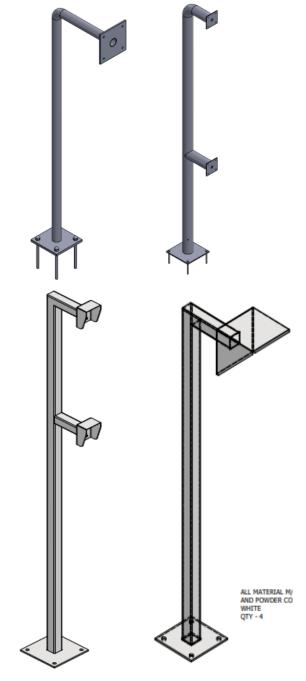
SWIVEL MOUNTS



CORNER MOUNTS



SINGLE DOUBLE NO RAIN SHIELD



GOOSENECKS



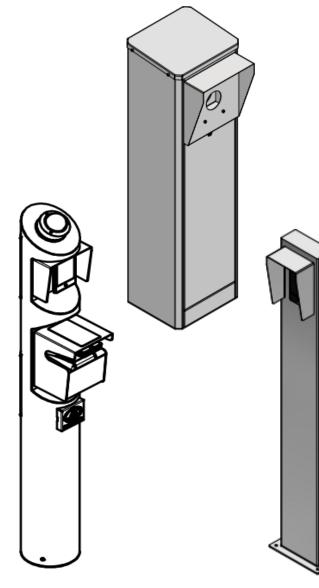


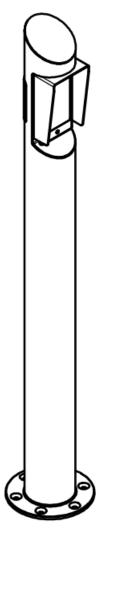


SINGLE DOUBLE WITH RAIN SHIELD

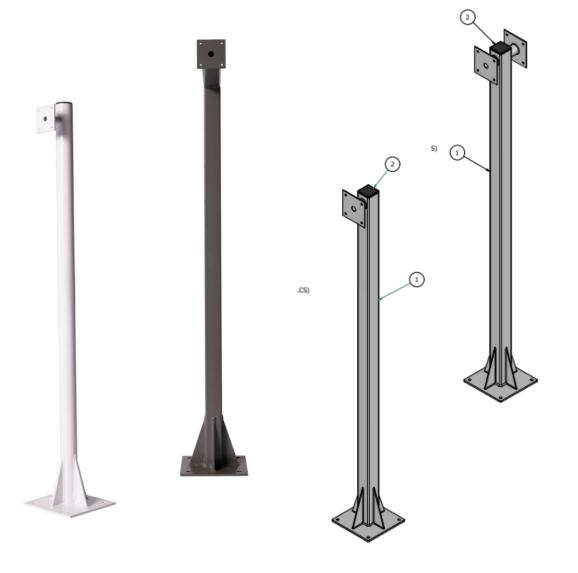
STANCHIONS



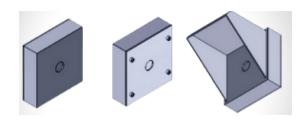




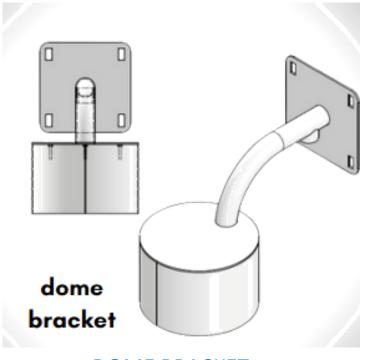
ANPR & LPR POSTS



Brackets

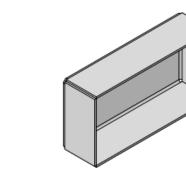


MOUNTING BRACKET

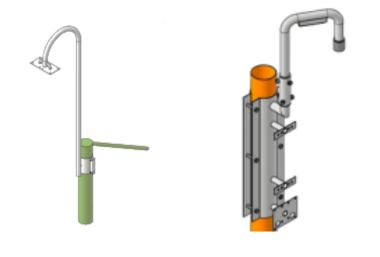








MOUNTING BRACKET



RETROFIT BRACKET



SOLAR POSTS

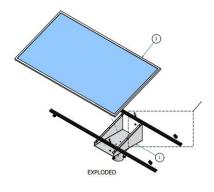




ROOF MOUNT SOLAR BRACKET



POLE MOUNT SOLAR BRACKET

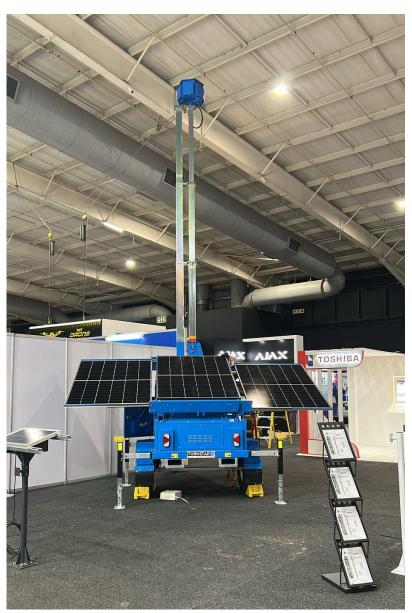


SOLAR BRACKET SINGLE

QUICK DEPLOY TRAILER



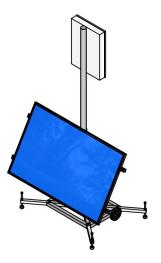
A - Frame
Solar Panel 3 x 435w
6m Manual Mast With Protect Cover
Single Axle Trailer Mechanical Brake
Camera Box Prewired
Victron Remote Monitoring System
Natis Registration







QUICK DEPLOY POSTS



SPEED DETECTOR



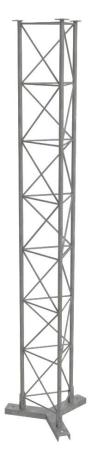
TELESCOPIC CAM MOUNT





TELESCOPIC MAST

LATTICE MAST



SPECIFICATIONS

SIZES 6 000 TO 25 000

38MM TO TUBE WITH 8MM K-SECTIONS

MODULAR 2000MM & 3000MM SECTIONS

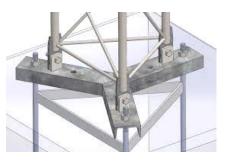
SECURI-BOLT ASSEMBLY WITH CABLE STAYS

12MM TFC CHANNEL BASE

COMPLETE WITH TRIANGLE BOLT CAGE

6MM CABLE STAYS WITH SHACKLE MOUNT

CLIMABLE AT LADDER SECTION

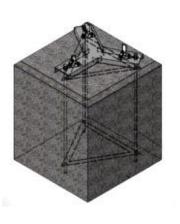


LATTICE MAST Y-BASE ASSEMBLY



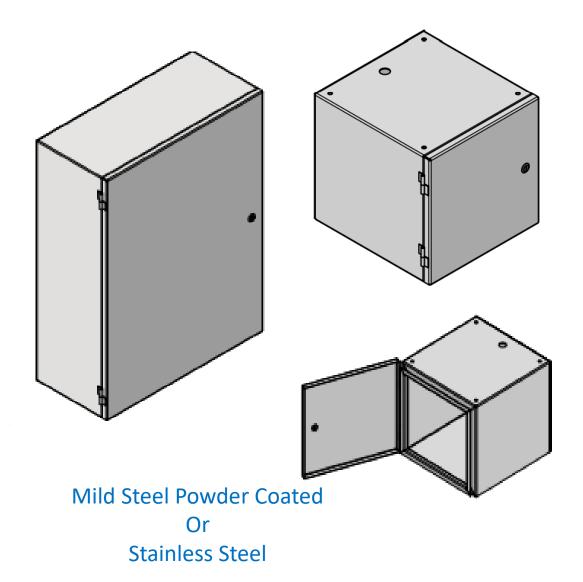
M16 SHACKLE FOR CABLE STAYS





PLINTH DETAIL

CUSTOM ENCLOSURES





- Material: GRP (Glass Reinforced Polyester, SMC (Sheet Moulding Compound)
- IP66 IK10 Non-corrosive Non-conductive Expected UV life: 25 years +

GUARD MASTER

CLEAR VIEW COLLECTION

At Guard Master, we believe in uncompromised security. As a family-run business, we are dedicated to providing innovative, reliable, and high-quality fencing solutions.

With years of experience, we've built a reputation for delivering durable systems that protect industrial, commercial, and high-security environments. From design to manufacturing, our independent approach ensures precision and craftsmanship in every product.

Guard Master is more than a name—it's our promise to safeguard what matters most to you, today and in the future.

VISTA MESH

APERTURE SPEC: 76MM X 100MM

LOW SECURITY MESH

APERTURE SPEC: 76MM X 50MM

MEDIUM SECURITY MESH

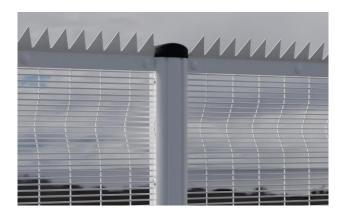
APERTURE SPEC: 76MM X 25MM

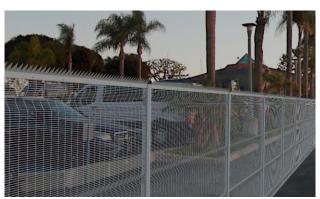
HIGH SECURITY MESH

APERTURE SPEC: 76MM X 12,7MM







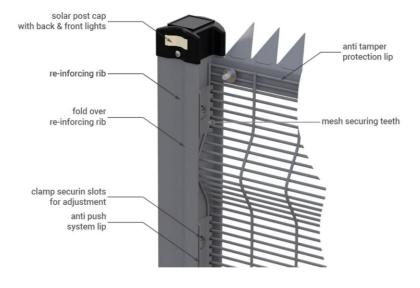






APERTURES SIZES / MESH OPENING:

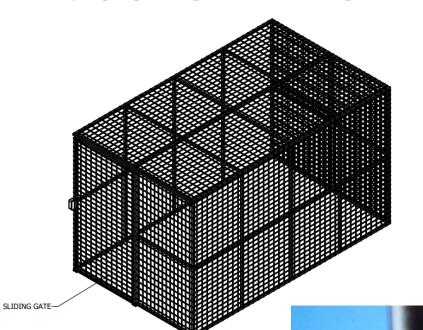
PANEL TYPES	APERTURES	LENGTH (mm)	HEIGHT (mm)	RIGITY V-BENDS
High-Security (358 mesh)	76mm x 12.7mm	3000	1800	4
	click to expand		2100	4
			2400	4
			3000	4
Medium Security	76mm x 25mm	3000	1800	4
	click to expand		2100	4
			2400	4
			3000	4
Low-Security	76mm x 50mm	3000	1800	4
	click to expand		2100	4
			2400	4
			3000	4



SPECIFICATION:

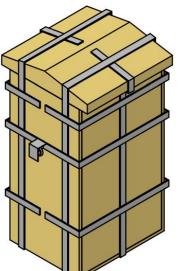
Installation Height (mm)	1800, 2100, 2400, 3000
Embedded Post Height (mm) (600mm below the ground level)	2400, 2700, 3000, 3600
Post Center Distance (mm)	3000
Distance Between the Horizontal Wires (mm)	12.7 ± 1.0
Distance Between the Vertical Wires (mm)	76 ± 3.00
Core Diameter of the Horizontal Galvanized Wire (mm)	Ø3.5 – Ø5.6 ± 0.10
Core Diameter of the Vertical Galvanized Wire (mm)	Ø3.5 – Ø5.6 ± 0.10
Weld Strength	80% of parent material
Tensile Strength	500 - 650 MPA
Coating Options	Powder coating, Plascoat (anti-corrosion) finishes

CUSTOM WORK





SATELITE TILE ROOF BRACKET



SUB STATION AND ELECTRICAL BOX STRAPPING



PTZ ADAPTER

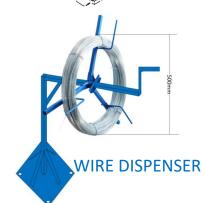
DATA CENTRE CAGE



LATTICE MAST ANTI CLIMB SPIKES



POLE ANTI CLIMB SPIKES



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Cell: 060 666 9121

Office: 011 786 1633