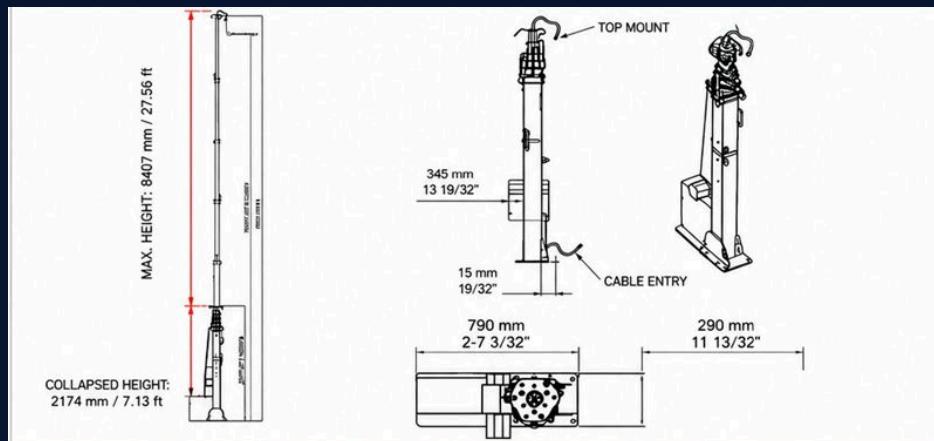


## MOBILE • TELESCOPIC OBSERVATION MAST

# D-Tower

## L2 Layer • Observation & patrol

An electric six-section telescopic mast that lifts a 50 kg camera payload to 8.4 m and folds down to 2.174 m.



### KEY BENEFITS

- 01 Height where there is none**  
Six sections lift cameras from 2.174 m to 8.4 m with an electric motor.
- 02 Carries a real payload**  
50 kg rated load on a standard camera top mount.
- 03 Made for outdoor duty**  
IP66, powder-coated aluminium and steel, -40 °C to +60 °C.

### HOW IT WORKS

- 01 Mount**  
Bolt the 790 × 290 mm base plate in place.
- 02 Equip**  
Fit up to 50 kg of cameras on the standard top mount.
- 03 Raise**  
The 24 V DC motor extends six sections to 8.4 m.
- 04 Connect**  
Route power and video through the base cable entry to your recorder, VMS or D-Command Control.

### SPECIFICATIONS

|                       |                                              |
|-----------------------|----------------------------------------------|
| Maximum height        | 8.4 m / 27.56 ft (8,407 mm)                  |
| Collapsed height      | 2.174 m / 7.13 ft (2,174 mm)                 |
| Sections              | 6                                            |
| Lifting mechanism     | Electric motor and gearbox, gear ratio 170:1 |
| Rated load            | 50 kg / 110 lb                               |
| Weight                | 74 kg / 163 lb                               |
| Operating voltage     | 24 V DC                                      |
| Material & finish     | Aluminium alloy + steel, powder coated       |
| Top mount             | Standard camera mount                        |
| Base plate            | 790 mm × 290 mm                              |
| Operating temperature | -40 °C to +60 °C / -40 °F to +140 °F         |
| Storage temperature   | -40 °C to +70 °C / -40 °F to +158 °F         |
| Protection rating     | IP66                                         |

## TENDER SPECIFICATION TEXT

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### 1. GENERAL

The system shall be D-Tower by D-FENCE Electronic Fencing and Security Systems Ltd. (ISO 9001:2015 certified quality management), or an approved equivalent that meets every requirement in this section.

### 2. FUNCTION

An electric six-section telescopic mast that lifts a 50 kg camera payload to 8.4 m and folds down to 2.174 m.

### 3. THE SYSTEM SHALL PROVIDE

- **Electric lift:** Electric motor and a 170:1 gearbox raise and lower the six sections.
- **Camera-ready top:** Standard camera top mount with a 50 kg rated load.
- **Compact when stowed:** Collapses to 2.174 m for transport and storage.
- **Outdoor rated:** IP66, powder-coated aluminium alloy and steel, -40 °C to +60 °C.
- **Tidy cabling:** Cable entry at the base of the mast.

### 4. TECHNICAL REQUIREMENTS

- **Maximum height:** 8.4 m / 27.56 ft (8,407 mm)
- **Collapsed height:** 2.174 m / 7.13 ft (2,174 mm)
- **Sections:** 6
- **Lifting mechanism:** Electric motor and gearbox, gear ratio 170:1
- **Rated load:** 50 kg / 110 lb
- **Weight:** 74 kg / 163 lb
- **Operating voltage:** 24 V DC
- **Material & finish:** Aluminium alloy + steel, powder coated
- **Top mount:** Standard camera mount
- **Base plate:** 790 mm × 290 mm
- **Operating temperature:** -40 °C to +60 °C / -40 °F to +140 °F
- **Storage temperature:** -40 °C to +70 °C / -40 °F to +158 °F
- **Protection rating:** IP66

### 5. DETECTION SEQUENCE

1. **Mount:** Bolt the 790 × 290 mm base plate in place.
2. **Equip:** Fit up to 50 kg of cameras on the standard top mount.
3. **Raise:** The 24 V DC motor extends six sections to 8.4 m.
4. **Connect:** Route power and video through the base cable entry to your recorder, VMS or D-Command Control.

### 6. SUBMITTALS

Before installation, the contractor shall submit the manufacturer's datasheet, the installation instructions and the zone layout for approval.