

## Tower Camera



### Product Summary

The TowerCam is an innovative camera designed specifically for banking and retail opportunities when facial image and video capture of the customer is required.

The unique tower camera concept allows close-up imaging of the customer during a transaction. This concept is far superior to over-the-head camera shots that many times result in blocked camera views and diminished facial recognition due to the camera's distance from the transaction point. The camera's video image may be recorded to the system's digital video recorder for later playback and archive.

The TowerCam features a high-resolution 540TVL color camera with an integrated 3.6mm wide angle lens offering a 74° horizontal viewing angle for excellent image capture.

The camera offers full adjustment in pan angle, height, and camera tilt to customize the image view. The camera height may be adjusted from 16.9" to a full 23.9" to ensure the camera view is positioned above typical bank teller window design construction elements. The assembly offers a +/-45° base pan angle adjustment and the camera may be independently tilted +/-10° to ensure ideal image capture. Locking mechanisms are provided to ensure the camera's view is not inadvertently changed once installed in the defined position.

A standard BNC connector and a two pin screw terminal cable end are provided inside the base for easy RG-59U video cable connection and for 12~15VDC operation. The base accommodates vertical cable exit, (1" minimum hole-diameter required) through the counter top or horizontally at the base using easy to remove cable exit tabs, eliminating the need for the large-hole drilling in designer solid surface counter-tops. A flat metal base with an adhesive bottom for direct attachment to a flat surface is provided.

The TowerCam is available in a black case color to match most installation aesthetics.

The TowerCam requires 12~15VDC power and includes a 12VDC power supply.

**NOTE: When ordered for use with ADT RJ-11 systems, the model number A-RJ2BNCST, BNC/power connector adapter must be ordered separately.**

**NOTE: If required, the RJ-11 camera cable must be ordered separately and is available in 60', 100', 200' and 300' lengths.**

### Features

- High-resolution 540TVL color camera
- Adjustable: 16.9" - 23.9" height, 90° pan, 20° tilt
- Flat metal base option with adhesive included
- Standard BNC / Power-screw terminal connections
- 12VDC power supply included (with mating connector)
- Available in a black case

### Ordering Guide

SCN#	Item
CTHS36PB	540TVL color camera, 3.6mm, TowerCam case, black, adjustable, 12~15VDC



## Specifications

### Models

**CTHS36PB** 540TVL color camera, 3.6mm,  
TowerCam case, black, 12~15VDC

### POWER

**Power Source** 12~15VDC  
**Power Consumption** Max 1.5 Watts

### GENERAL

**Image Sensor** 1/3" Sony Super HAD CCD  
**Total Pixels** 811(H) x 508(V)  
**Scanning System** 2:1 interlace  
**Scanning Frequency** 15.734KHz(H), 59.94Hz(V)  
**Sync. System** Internal  
**Electronic Shutter** 1/60 ~ 1/100,000 sec.  
**Resolution** 540 TV lines  
**Min. illumination** 0.25 Lux (Color @ F1.2, 50 IRE)  
**Video Output** 1.0 Vp-p (75 ohm, composite)  
**S/N Ratio** more than 50dB (AGC off)

### FUNCTION

**Auto Exposure** ON  
**White Balance** ATW Fixed  
**Gain Control** Auto  
**Gamma** 0.45  
**BLC** ON

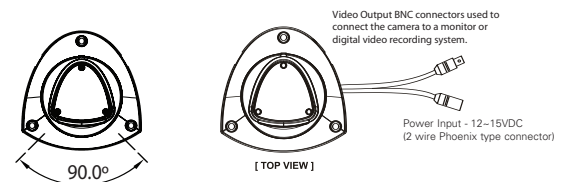
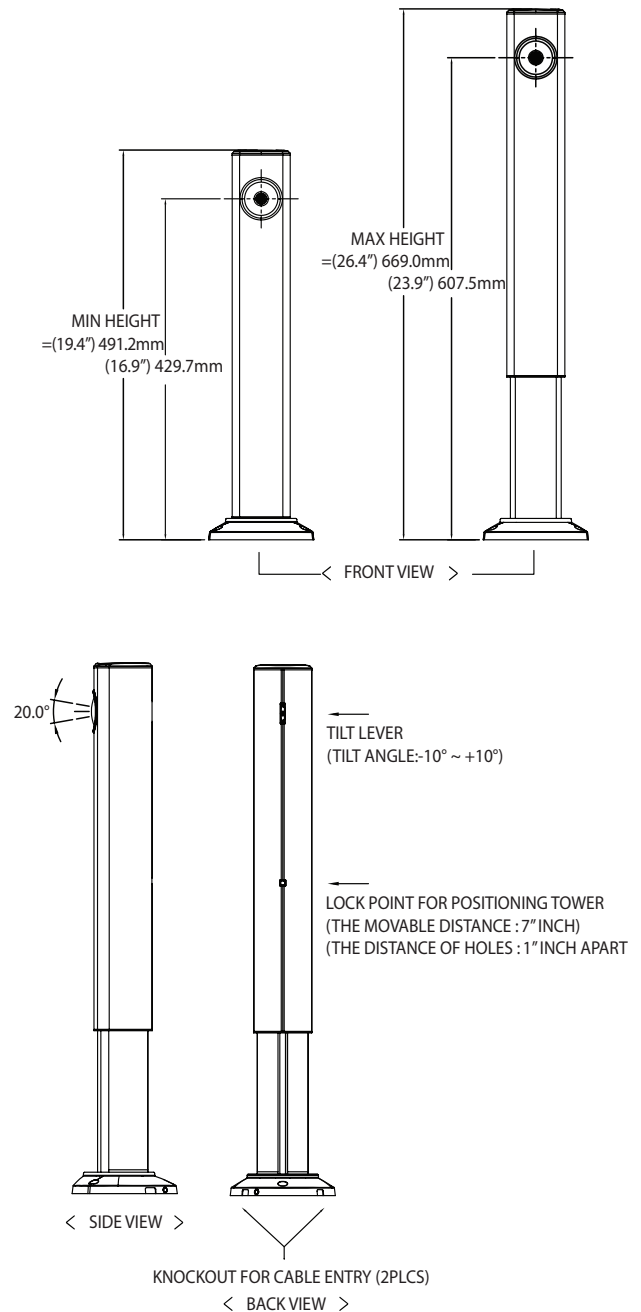
### CONNECTOR

**Power input** Two pin screw terminal cable end  
**Video output** BNC connector  
**Lens mount** Fixed mount  
**Lens** 3.6mm  
**Operating temperature** 14°F ~ 104°F (-10° ~ +40°)  
**Operating humidity** 0 ~ 96% (non-condensing)  
**External dimension** 19.4" - 26.4" (491.2~669.0mm)  
**Weight** 2.43 lbs (1.1kg)  
**Shipping Weight** 3.75 lbs (1.7kg)

**Standards Compliance** FCC, cULus, RoHS

Specifications are subject to change without notice.

## Dimensional Drawings



THE RANGE OF PANNING ANGLE: -45° ~ +45°

## Recommended System Components

Part No.	Description
DYK4500	4-channel Digital Video Recorder, 120-ips, USB archiving, mouse, IR
A-SDR402E	4-channel Digital Video Recorder, 120-ips, USB archiving, mouse, IR
A-ADT800E	8-channel Digital Video Recorder, 120-ips, CDRW, USB archiving
A-ADT1600E	16-channel Digital Video Recorder, 240-ips, DVDRW, USB archiving
ML757	17" LCD VGA-only, 1280x1024, black plastic case
ML970W	19" Wide LCD VGA-only, 1440x900, black plastic case
ML2200W	22" Wide LCD VGA-only. 1680x1050, black plastic case
M170CP2	17" LCD, VGA, BNC, SVHS, 1280x1024, black plastic case
A-M170CP2D	17" LCD, VGA, BNC, SVHS, 1280x1024, black plastic case
M190CP2	19" LCD, VGA, BNC, SVHS, 1280x1024, black plastic case
A-M190CP2D	19" LCD, VGA, BNC, SVHS, 1280x1024, black plastic case
CONKIT4C	4-ch A/V/A Interface with cables
CONKIT9C	9-ch A/V/A Interface with cables
CONKIT16C	16-ch A/V/A Interface with cables
A-RJ2BNCST	BNC/Power connector adapter to RJ-11

