



## Superior Technology & Capabilities

- Digital Pixel System (DPS®) Imaging
- DPS® Color Camera
- 1/3" CCD
- Ultra High Resolution 540 Lines

## CTB540 Box Camera Specification Sheet



## Camera Features

|                               |   |
|-------------------------------|---|
| <b>Sensor</b>                 | 1/3" Interline CCD  |
| <b>Video Processing</b>       | DSP   |
| <b>Effective Pixels</b>       | 752 (H) x 582 (V)   |
| <b>Sensitivity</b>            | 0.7 lux; for usable picture (40% video) with AGC on; lens at F1.2 |
| <b>Resolution</b>             | 540 TVL   |
| <b>Video Output</b>           | 1V p-p composite video via 75Ω BNC connector                      |
| <b>Signal to Noise Ratio</b>  | Better than 50dB  |
| <b>Auto White Balance</b>     | 2,500K ~ 9,500K   |
| <b>AGC</b>                    | On / Off, max <28dB   |
| <b>Electronic Iris</b>        | 1/50s~1/100,000s; On / Off  |
| <b>Backlight Compensation</b> | On/Off, center weighted   |
| <b>Gamma Correction</b>       | 0.45  |
| <b>Synchronisation System</b> | Internal or Line lock ( $\pm 180^\circ$ adjustment)               |



Global Surveillance Management Solutions

[www.digiop.com](http://www.digiop.com)

## SPECIFICATIONS

# CDB540

### Lens Options

|                        |  |
|------------------------|--|
| Lens Mount and Focus   | 'C' or 'CS' Mount, Thumbwheel Adjustment   |
| Auto Iris Lens         | DC and Video via 4 Pin Socket  |
| Direct Drive (DC Iris) | 4-Pin Square Type Socket on the Side of the Camera. DC Level is user defined via a Potentiometer Located on the Rear of the Camera |

### Power Supply

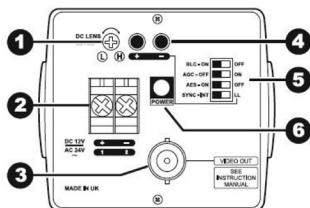
|                    |   |
|--------------------|---|
| Low Voltage Source | AC: 24V -15% +33% @ 50Hz DC: 12V - 10% +15% |
| Consumption        | Less Than 4.2W Including 50mA DC Lens       |
| Input Connection   | 2-Way Terminal Connection on Rear Panel     |
| Power Indicator    | Blue LED on Rear Panel                      |

### Mechanical

|                   |  |
|-------------------|--|
| Camera Mount      | 1/4" 20 UNC Top and Bottom                         |
| Dimension (LxWxH) | 4.84x2.04x2.36 in (123x52x60mm)                    |
| Weight            | Unit: 12.34oz (0.35kg), Shipping: 15.87oz (0.45kg) |
| Material          | Cast Zinc Lens Mount; Zintec Case; VO ABS Trim     |

### Environmental

|                       |  |
|-----------------------|--|
| Operating Temperature | -10° C ~ 50° C (14° - 122°F)                 |
| Operating Humidity    | 20% to 80% Relative Humidity, Non Condensing |
| Storage Temperature   | -10° C ~ 70° C (14° - 158°F)                 |
| Operating Humidity    | 20% to 90% Relative Humidity, Non Condensing |



1. DC Lens Level Potentiometer
2. Low Voltage Connection (11-40V DC, 12-30V AC 50/60Hz)
3. Composite Video Output BNC
4. Line Lock Phase Adjustment Advanced/Retard Buttons
5. DIP Switches
6. Power Indicator LED



Global Surveillance Management Solutions

General Solutions, Ltd. 5902 Sovereign Dr., Houston, TX 77036 Toll Free (800) 968-3606 Phone (713) 333-4900 Fax (713) 333-4925  
© 2007 General Solutions, Ltd. DIGIOP is a registered trademark of General Solutions, Ltd. All rights reserved.  
All Information subject to change without notice. Intel, Dell, and others are trademarks and are property of their respective owners.