



# NGSS DCM-C5 Camera

## Features

- Color surveillance camera
- Picture Taking Interval: up to one picture per second
- Optional fish eye lens for 180 degrees view
- C-mount lens, DC Auto-Iris connector
- 5 Megapixel CMOS color image sensor
- 600 MHz digital signal processor (DSP)
- 64 MB SD-RAM, 4 MB Flash
- SD memory card for data storage with FAT32 file system
- Li-Ion rechargeable battery (optional)
- 10/100 MB Ethernet
- High-speed RS-485 and Low-power RS-485
- USB port
- 5.5 inch TFT monitor for optional menu-driven operator interface
- Four isolated digital inputs, one non-isolated digital input, four isolated digital outputs
- Tamper indicating enclosure with magnetic housing switch
- Secure storage for cryptographic keys
- Flexible triggers
- Electronic pan-tilt-zoom (EPTZ) support
- MPEG-2 video codec and JPEG images
- TCP/IP communications



## Description

The DCM-C5 uses a digital CMOS image sensor with an active array of 2592 (H) x 1944 (V) pixels.

The vertical and horizontal output resolution can be adjusted in three steps: 320 x 240, 640 x 480 and 1280 x 960. At low output resolutions, sub-sampling is achieved through row and column summing which improves low-light performance. The DCM-C5 supports electronic pan, tilt and zoom (EPTZ). In this mode, the image sensor operates at maximum resolution but only certain areas of the pixel array will be used to generate an output image. Placement and size of these areas can be changed at any time. The DCM-C5 has the capability to correct the aspect distortion of images acquired with the fish-eye lens to provide clear undistorted images.

In EPTZ mode, the DCM-C5 operates as virtual multi-channel system. For each channel, the user can adjust the field-of-view and trigger sources.

## Specifications

- INPUT VOLTAGE – 9-36 V dc.
- POWER – 15 W Max.
- OPERATING TEMPERATURE – -20 to +60 °C (-4 to 140 °F).
- SIZE – 210 x 240 x 290 mm (8.3 x 9.4 x 11.4 in.).
- WEIGHT – 5.5 kg (12 lb).

