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*William Stump & Associates, LTD*

## Guardian 2000 Day/Night Camera User's Manual



**G2K Day/Night Camera**

## INTRODUCTION

Congratulations, and thank you for purchasing the *Guardian 2000 Day/Night Camera*. This specialized color/black and white digital camera is designed for day or night viewing and evidence acquisition. It immediately integrates with the Guardian 2000 video system and is manufactured using stringent standards from customer input. Features include:

- Weatherproof housing
- Color day camera mode
- B/W night camera mode
- 1600 uA/Lm photosensitivity
- 48 degree field of view
- Low light capability at .00001 lux

As you read through this manual, please keep in mind your system has been rigorously inspected for utmost quality assurance prior to shipment.

### About the G2K Day/Night Camera

The G2K Day/Night Camera is a color and black/white digital camera with a Military Third Gen Night Vision Tube. The rugged, weatherproof enclosure provides maximum outdoor protection. The G2K Day/Night Camera obtains its power from the Guardian 2000 video surveillance recorder and, in turn, sends acquired high resolution video to the Guardian 2000 recorder for capture. The result is a high-quality camera designed to obtain courtroom quality evidence.

## Background Information

First Witness Video and ITT Industries have jointly developed the world's smallest day/night camera in 1997. Together our highly trained engineers have dedicated themselves to continuous process improvement in state-of-the-art equipment.

ITT Industries Night Vision provides the best night vision performance on the market. They are the world's leader for Gen 3 image intensified (amplified) night vision products for the U.S. military. Ensuring that our military remains the best in the world requires excellence in product and technology development, and we pass that excellence on to all our customers. You get the latest technology and the assurance that our products meet or exceed all others on the market.

## Sample Footage from the Day/Night Camera



Figure 1



Figure 2

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## General

The G2K Day/Night Camera uses a high quality 380 TVL resolution color camera. The 1.0lux light sensitivity produces excellent color images. During very low light conditions the black and white camera will activate with its Military Third Gen Night Vision Tube. The unit is encased in a weatherproof housing designed to integrate immediately with either the Guardian 2000 recording system or the G2K Wireless Video Transmitter.

## Pre-Operation

1. Read this manual thoroughly!
2. Plug the gold (video) connector of the camera to the gold (video) connector of the Guardian 2000 recording system.
3. Plug the black (power) connector of the camera to the black (power) connector of the Guardian 2000 recording system.
4. The camera is now powered and the video image from the camera should appear on your set-up monitor. Power the Guardian 2000 on using the POWER switch.

## Operating the G2K Day/Night Camera

- The Day/Night Camera is designed as a “plug and play” camera.
- It utilizes military third generation night vision technology by ITT Industries.
- The camera is capable of identifying a target suspect from 40–50 feet away.
- The Day/Night Camera utilizes ambient light, do not place under heavily wooded areas or similar conditions as the camera will be less effective. Do not cover up the top (day) camera, it will leave the Day/Night camera in night vision mode.

## Tips for the G2K Day/Night Camera

The G2K Day/Night Camera utilizes proprietary software to distinguish between day and night modes. The default mode uses the Color camera. However, when night falls the camera, using smart-technology, automatically switches to night vision mode.

The camera uses light-amplifying technology. This technology takes the small amount of light that's in the surrounding area (such as moonlight or starlight), and converts the light allowing you to see an impressive nighttime view even when it's really dark.

**Remember, a bright image on the night vision tube will BURN the image onto the tube and will cause severe damage to the camera or it will simply cause the camera to switch to day mode.**