

First Alert®

User Manual

Camera

model# A-520

Table of Contents

IMPORTANT SAFETY PRECAUTIONS	2
SAFETY AND INSTALLATION TIPS	3
DEVICE OPERATING RANGE	3
TROUBLE SHOOTING	4
TECHNICAL SPECIFICATION.....	4

IMPORTANT SAFETY PRECAUTIONS

Please read before installing and using this product

Damages caused by non-compliance with this operating manual will void the warranty! We will not assume any liability for damages to items or persons caused by improper handling or non-compliance with the safety notices! Any warranty claim will be null and void in such cases.

1. Do not drop, puncture or disassemble the camera ; otherwise the warranty will be voided.
2. Avoid all contact with water, and dry hands before using.
3. Never tug on the power cords. Use the plug to unplug it from the wall outlet.
4. Do not expose the camera to high temperature or leave it in direct sunlight. Doing so may damage the camera or cause camera temporary malfunction.
5. Use the devices with care. Avoid pressing hard on the camera body.
6. For your own safety, avoid using the camera or power off the camera when there is a storm or lightning.
7. Remove the power adapter during long periods between usages.
8. Use only the accessories and power adapters supplied by the manufacturer.
9. To meet the regulations pertaining to parental responsibility, keep the devices out of the reach of infants.
10. Check power cables, do not get crushed or damaged by sharp edges whenever the devices are in operation.



Disposal

If the camera system no longer functions or can no longer be repaired, it must be disposed of according to the valid statutory regulations. Disposal of spent batteries / accumulators:



You are required by law (Battery Ordinance) to return all spent batteries and accumulators. Disposing of spent batteries/accumulators with common household waste is prohibited! Batteries/accumulators that contain hazardous substances are marked with the symbols on the side. These symbols indicate that it is prohibited to dispose of these batteries/ accumulators in the household waste.

The abbreviations for the respective heavy metals are: Cd= cadmium, Hg= mercury, Pb= lead. You can return spent batteries and accumulators that can no longer be charged to the designated collection points in your community, outlets or wherever batteries or accumulators are sold. Following these instructions will allow you to fulfill the legal requirements and contribute to the protection of our environment!

SAFETY AND INSTALLATION TIPS

Do not attempt to open the unit with the power adaptor plug connected to avoid any risk of personal injury.

When installing CCTV camera, always follow manufacturer's advice when using power tools, steps, ladders, etc. and wear suitable protective equipment(e.g. safety goggles) when drilling holes. Before drilling holes through a ceiling check for hidden electricity cables and water pipes. The use of a cable/pipe detector is advisable.

When installing the wireless cameras on an external wall, pass the power cable through the wall as close as possible to the camera to prevent/reduce the chances of the cables being tampered with. After drilling any hole through an external wall for cable, ensure the hole is sealed up around the cable using a sealant to prevent drafts.

To prevent a fire or electrical shock hazard, do not attempt to open the housing while the unit is exposed to rain, water or wet conditions. There are no user serviceable parts inside. Refer servicing to qualified service personnel.

DEVICE OPERATING RANGE

The wireless camera is capable of transmitting up to 100m in open field conditions. However, when installed around your property, any solid objects (e.g. walls, ceiling, reinforced PVC doors, etc.)

TROUBLE SHOOTING

Problem	Solution
I can't see the Camera on my TV	Ensure the camera and receiver are plugged in. And the TV/ VCR/ DVR is tuned to the correct input channel.
A white image appears at night	The camera's infra-red LEDs shine invisible light that reflects off surfaces such as glass causing white light. Place the camera on the other side of windows or place the lens flush against the surface to try to improve the night vision or place in a well lit area.
I keep getting interference in my home or business	The wireless camera operates on the 2.4GHz frequency like many devices such as wireless routers, cordless phones, and microwaves. If possible keep the camera away from these devices.

TECHNICAL SPECIFICATION

Features

- 380 TV Lines for clear image resolution
- 8m infra-red night vision
- Record video direct to your VCR or DVR
- Sturdy weather resistant casing
- Ideal entry-level solution for home or business
- With Audio

Specifications

CAMERA	
Channels	2400-2480MHz
Image Device	1/4" OV7930 CMOS
Video System	NTSC
Resolution	380TVL
Min. Illumination	0LUX (IR ON)
Lens	6mm
PCS of IR LEDS	11PCS
Effective Pixels	NTSC: 512(H)x492(v)
S/N Ratio	More than 46 dB
Transmitting Range	100m transmission range (open air)
Video Output	1 Vp-p / 75 Ohms
Storage Temp	'-30 ~ 60°C
OperatingTemp	'-10 ~ 45°C
Power Supply	DC12V 300mA

FCC NOTE:

THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: 1. This device may not cause harmful interference, and 2. This device must accept any interference received, including interference that may cause undesired operation.