

The book was found

Home Security Systems DIY Using Android And Arduino



Synopsis

This book shows you how to build your own wireless home security system using an Android cell phone or tablet, an Arduino microcontroller, an infrared motion detector, a Bluetooth adapter, and an optional ArduCAM Mini digital camera. All these items are low cost off the shelf parts that are widely available for purchase. This book shows you how to build your own home intruder alarm system that allows you to detect the motion of an intruder and then call out to an emergency phone number using an Android cell phone or just alert you to the intruder with an Android tablet. In addition, an ArduCAM Mini digital camera can be added so that pictures of the intruder can be taken when the motion detector is tripped. You can also use the book's ArduCAM Mini camera based security system for continuous surveillance of your property. The image data is stored locally on the Android device and does NOT require payment of storage fees as with some home security company plans. This book will also go into the technical details of the hardware set up as well as the author created Android and Arduino software. With these technical details you will be able to customize and expand these systems to suit your specific needs.

Who is this book for? 1. This book is designed for everyone from people with no technical experience to experienced Do It Yourselfers such as those experienced in home improvements as well as programmers and engineers who want to customize and expand on the basic home security systems presented.

Key Feature Summary:-

- Shows you how to build your own wireless home security and surveillance system and stop paying monthly fees to home security companies.
- Shows you how to build your own wireless home security and surveillance system and stop worrying about being spied on by commercial security companies.
- Expands upon the trend of "Do It Yourself" or "DIY" wireless home security systems such as the best selling self installable SimpliSafe wireless home security system-
- Follow the detailed "Hands on Examples" and install the pre-made software created by the author on your Android and Arduino devices and get a working video surveillance system, or an intruder alarm system up and running within 15 minutes.
- Shows you how to build your own wireless home security system that can detect intruders and make an emergency cell phone call to notify you of the intrusion.
- Explains the author created source code for the Android and Arduino so you can customize the home security systems yourself.

Table of Contents:

- Chapter 1: Introducing the Arduino
- Chapter 2: Arduino Programming Language Basics
- Chapter 3: The Android Controller and Bluetooth Communication with Arduino
- Chapter 4: Simple Wireless Intruder Alarm System with Motion Detector
- Chapter 5: Hands on Example: Creating a Simple Intruder Alarm System
- Chapter 6: ArduCAM Mini Wireless Intruder Alarm/Video Surveillance System
- Chapter 7: Hands on Example: Building an ArduCAM Intruder Alarm / Surveillance System
- Chapter 8: Deploying your Wireless

Intruder Alarm and Surveillance System

Book Information

File Size: 5559 KB

Print Length: 420 pages

Publication Date: December 15, 2015

Sold by: Digital Services LLC

Language: English

ASIN: B019ERB0DA

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Enabled

Best Sellers Rank: #650,012 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #119

in Books > Crafts, Hobbies & Home > Home Improvement & Design > How-to & Home

Improvements > Security #399 in Books > Computers & Technology > Hardware & DIY > Single

Board Computers #659 in Books > Computers & Technology > Mobile Phones, Tablets &

E-Readers > Programming & App Development

[Download to continue reading...](#)

DIY: 365 Days of DIY: A Collection of DIY, DIY Household Hacks, DIY Cleaning and Organizing, DIY Projects, and More DIY Tips to Make Your Life Easier (With Over 45 DIY Christmas Gift Ideas) 365 Days of Decluttering and Organizing Your Home: DIY Household Hacks, DIY Declutter and Organize, DIY Projects, DIY Crafts, DIY Books, DIY Cookbook, ... Home Improvement (DIY Hacks Book 1) 365 Days of DIY Hacks - Home, Parenting, Pets, Gifts, Budget: (DIY Household Hacks, DIY Declutter and Organize, DIY Projects, DIY Crafts, DIY Books, DIY Gift, Do It Yourself, Home Improvement, Kids) Home Security: Top 10 Home Security Strategies to Protect Your House and Family Against Criminals and Break-ins (home security monitor, home security system diy, secure home network) Android: Android Programming And Android App Development For Beginners (Learn How To Program Android Apps, How To Develop Android Applications Through Java Programming, Android For Dummies) DIY Gifts: 50 Cute And Easy DIY Gifts In A Jar That Everybody Actually Wants: (DIY Projects, diy household hacks,diy Speed Cleaning, tiny home living, ... everyday life, diy Speed Cleaning, gifts)) Home Security Systems DIY using Android and

Arduino Android: Programming in a Day! The Power Guide for Beginners In Android App Programming (Android, Android Programming, App Development, Android App Development, ... App Programming, Rails, Ruby Programming) Arduino: Complete Beginners Guide For Arduino - Everything You Need To Know To Get Started (Arduino 101, Arduino Mastery) Programming #8:C Programming Success in a Day & Android Programming In a Day! (C Programming, C++programming, C++ programming language, Android , Android Programming, Android Games) DIY BUNDLE: The Best DIY Projects in One Book! (diy, diy projects, indoor gardening) Learning Android programming using Android Studio (Android for beginners Book 1) Arduino: The Ultimate QuickStart Guide - From Beginner to Expert (Arduino, Arduino for Beginners) Android Security Internals: An In-Depth Guide to Android's Security Architecture Arduino + Android Projects for the Evil Genius: Control Arduino with Your Smartphone or Tablet Android Tips and Tricks: Covers Android 5 and Android 6 devices (2nd Edition) Android Tips and Tricks: Covers Android 5 and Android 6 devices Android at Work: 150-Plus Must Have Apps for Android Phones and Tablets: The complete guide to the best free phone and tablet Android apps Android Programming BOX SET: ANDROID PROGRAMMING and ANDROID GAME PROGRAMMING - 2 Books in 1 (Second Edition) Embedded Programming with Android: Bringing Up an Android System from Scratch (Android Deep Dive)

[Dmca](#)