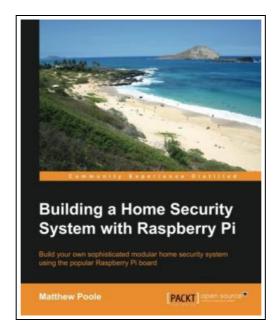
Building a Home Security System with Raspberry Pi



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Reviews

This is the best publication we have study till now. It is writter in basic terms and not difficult to understand. I am effortlessly will get a satisfaction of studying a written pdf.

(Jasen Roberts)

BUILDING A HOME SECURITY SYSTEM WITH RASPBERRY PI



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Packt Publishing Limited, United Kingdom, 2015. Paperback. Book Condition: New. 235 x 190 mm. Language: English . Brand New Book ***** Print on Demand *****.Build your own sophisticated modular home security system using the popular Raspberry Pi board About This Book * This book guides you through building a complete home security system with Raspberry Pi and helps you remotely access it from a mobile device over the Internet * It covers the fundamentals of interfacing sensors and cameras with the Raspberry Pi so that you can connect it to the outside world * It follows a modular approach so that you can choose the modules and features you want for your customized home security system Who This Book Is For This book is for anyone who is interested in building a modular home security system from scratch using a Raspberry Pi board, basic electronics, sensors, and simple scripts. This book is ideal for enthusiastic novice programmers, electronics hobbyists, and engineering professionals. It would be great if you have some basic soldering skills in order to build some of the interface modules. What You Will Learn * Understand the concepts behind alarm systems and intrusion detection devices * Connect sensors and devices to the on-board digital GPIO ports safely * Monitor and control connected devices easily using Bash shell scripting * Build an I/O port expander using the I2C bus and connect sensors and anti-tamper circuits * Capture and store images using motion detectors and cameras * Access and manage your system remotely from your mobile phone * Receive intrusion alerts and images through your e-mail * Build a sophisticated multi-zone alarm system In Detail The Raspberry Pi is a powerful low-cost credit-card-sized computer, which lends itself perfectly as the controller for a sophisticated home security system. Using the on-board...

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