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<<剑桥信息与通信技术英语>>

图书基本信息

书名：<<剑桥信息与通信技术英语>>

13位ISBN编号：9787115220691

10位ISBN编号：7115220697

出版时间：2010-1

出版时间：人民邮电出版社

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页数：118

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内容概要

本书以主题单元的形式，融合计算机和英语两方面的知识，提供了计算机信息技术所特有的词汇、句法和对话功能，为读者介绍了信息通信技术的最新信息，包括计算机系统、数据处理、电子表格和数据库、多媒体应用、电子邮件、网页设计和互联网安全等。

本书是为英语达到中高级水平的学习者量身定制的，适用于计算机与互联网相关专业的从业人员和学生。
由于计算机的广泛普及，本书同样适用于那些在家中使用计算机并想提高自身计算机英语知识的非专业人士。

本书的目的在于促进读者与计算机的人机互动，让读者在这个数字化的世界里能够更加有效便捷地进行交流和沟通。

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章节摘录

CRTs and LCDs The screen of a computer is often known as the monitor, or VDU （visual display unit ）. Inside the computer, there is a video card which processes images and sends signals to the monitor. When choosing a monitor, you have to take into account a few basics. Type of display - the choice is between a CRT or an LCD screen. The Cathode Ray Tube of a monitor is similar to a traditional TV set. It has three electron guns （one for each primary colour: red, green and blue） that strike the inside of the screen, which is coated with substances called phosphors, which glow and create colours. CRTs are cheap, but they are heavy, can flicker and emit radiation. A Liquid Crystal Display is made from flat plates with a liquid crystal solution between them. The crystals block the light in different quantities to create the image. Active-matrix LCDs use TFT （thin film transistor） technology, in which each pixel has its own transistor switch. They offer better quality and take up less space, so they are replacing CRTs. Screen size - the viewing area is measured diagonally; in other words, a 17" screen measures 17 inches from the top left corner to the bottom right. Resolution - the clarity of the image depends on the number of pixels （short for picture elements） contained on a display, horizontally and vertically. A typical resolution is 1,024 x 768. The sharpness of images is affected by dot pitch, the distance between the pixels on the screen, so a dot pitch of 0.28 mm or less will produce a sharp image.

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编辑推荐

Professional English in Use ICT is designed for intermediate to advanced level learners of English who need to use the English of computing and the Internet for work, home or study. The book covers a wide range of up-to-date topics on Information Communications Technology including computer systems, word processing , spreadsheets and databases, multimedia applications, email, web design and Internet security. There are also units on word building and typical language functions used in the world of ICT. The units present and explain new words in context and show learners how to use them. Primarily designed as a self-study reference and practice book, it can also be used to supplement classroom work. 40 easy-to-use units： vocabulary items are presented and explained on left-hand pages with a range of practice exercises on right-hand pages. Presents and explains all new vocabulary in context. Over to you sections give learners the opportunity to put the language into practice. Informed by the Cambridge International Uorpus, ensunng the language taught is frequent and up-to-date. Includes a comprehensive, learner-friendly answer key. Easy to use and written in a clear style, this book will be invaluable for anyone needing to improve their ICT vocabulary. For extra activities, news, podcasts and blogs relating to the world of ICT, please visit the website at www.cambridge.

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