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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	3D and HD Broadband Video Networking; Contents; Preface; Chapter 1 Empowering High-Quality Digital Video Delivery; Chapter 2 The Access and Home Networks; Chapter 3 Video Fundamentals; Chapter 4 The H. 264 Standard; Chapter 5 Short-Term H.264 Bandwidth Prediction; Chapter 6 Long-Term H.264 Bandwidth Prediction; Chapter 7 Lossless FMO Removal for H.264 Videos; Chapter 8 Error Concealment Methods forImproving Video Quality; Chapter 9 Video Traffic Smoothing and Multiplexing; Chapter 10 Intelligent Policy Resource Management Chapter 11 Supporting Compressed Video Applications over DOCSIS Cable NetworksChapter 12 Intelligent Activity Detection Techniques for Advanced Video Surveillance Systems; Chapter 13 Hand Gesture Control for Broadband-Enabled HDTVs and Multimedia PCs; Glossary; About the Author; Index
Sommario/riassunto	Recent years have seen an exponential increase in video and multimedia traffic transported over the Internet and broadband access networks. This timely resource addresses the key challenge facing many service providers today: effective bandwidth management for supporting high-quality video delivery. Written by a recognized expert

in the field, this practical book describes ways to optimize video transmission over emerging broadband networks. Moreover, the book explores new wireless access networks that can enable video connectivity both inside and outside the residential premise. This unique reference covers a wide range of critical topics, from the H.264 standard, error concealment methods for improving video quality, and video traffic smoothing and multiplexing, to supporting compressed video applications over DOCSIS cable networks, intelligent activity detection techniques for advanced video surveillance systems, and hand gesture control for broadband-enabled HDTVs and multimedia PCs.