International Journal of Smart Home

January 2008 Printed January 2008 Published

Publisher: SERSC Publishing office: Science and Engineering Research Support Center 402, Manje Building, 449-8, Ojeong-dong, Daedeok-gu, Daejeon, Korea E-mail : ijsh@sersc.org Tel: +82-42-624-2265, Fax: +82-42-624-2205

Printing office: Hanall Co. Ltd. Tel: +82-2-2279-8494

This work is subject to copyright. All rights are reserved, whether whole or part of the material is concerned, specifically the rights of translation, reprinting, re-use of illustrations, recitation, broadcasting, reproduction on microfilms or in any other way, and storage in data banks. Duplication of this publication or parts thereof is permitted only under the provisions of the Korea Copyright Law of May 23, 2003, and permission for use must always be obtained from Science and Engineering Research Support Center. Violations are liable to prosecution under the Korea Copyright Law