

# ISO/IEC 24779-4:2017-01 (E)

## Information technology - Cross-jurisdictional and societal aspects of implementation of biometric technologies - Pictograms, icons and symbols for use with biometric systems - Part 4: Fingerprint applications

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>2</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>2</b>
<b>4</b>	<b>Individual symbols, icons and pictograms .....</b>	<b>2</b>
4.1	General .....	2
4.2	General symbol indicating fingerprint application .....	2
4.3	Finger/hand placement .....	3
4.4	Finger/hand quality feedback .....	6
4.4.1	Press (more or less) .....	6
4.4.2	Raise/lower angle .....	7
<b>5</b>	<b>Finger/hand positioning .....</b>	<b>8</b>
5.1	General .....	8
5.2	Overlay visual guidance for finger/hand orientation .....	9
5.3	Necessary finger/hand movement .....	11
5.3.1	Lateral movements .....	11
5.3.2	Forward/backward movements .....	14
5.4	Rotation .....	17
5.4.1	General .....	17
5.4.2	Rotate clockwise .....	17
5.4.3	Rotate Counter-Clockwise .....	18
5.5	Change angle .....	20
5.5.1	General .....	20
5.5.2	Raise/increase finger angles .....	20
5.5.3	Lower/decrease finger angles .....	22
5.6	Rolling finger(s) .....	23
5.7	Testing of hand-positioning visual guidance .....	24
<b>Annex A (informative) Usability testing approach .....</b>		<b>25</b>
<b>Annex B (informative) Usability study of corrective visual guidance -- Lateral, forward/ backward and rotating movements .....</b>		<b>30</b>
<b>Annex C (informative) Stepwise illustrations of the animation of Figure 30 .....</b>		<b>34</b>
<b>Bibliography .....</b>		<b>37</b>