



Guideline of Camera & Imaging Products Association

CIPA DCG-003-Translation-2009

**The Guideline for the Graphical Symbols
of Digital Cameras**

This translation has been made based on the original Guideline (CIPA DCG-003-2009).

In the event of any doubts arising as the contents, the original Guideline is to be the final authority.

Established in October 30, 2009

Prepared by:

Standardization Committee

Published by:

Camera & Imaging Products Association

Contents

1. Introduction.....	1	31) Number of pixels	34
2. Scope	1	32) Card	35
3. Use of graphical symbols.....	1	33) No card	36
4. Explanation of symbols	3	34) Battery check/Remaining capacity of battery .	37
4 - 1 List of symbols	3	35) Standard battery	38
4 - 2 Symbol descriptions	3	36) Round and thin-shaped battery	39
1) Shooting Mode/Recording Mode	4	37) Image stabilizer	40
2) Playback Mode.....	5	38) Language	41
3) Communication Mode.....	6	39) Shade	42
4) Erase Mode/Delete Mode.....	7	Commentary	43
5) Erase/ Delete	8	1. Applicability to other products.....	43
6) Erase/ Delete All	9	2. About the Guidelines	43
7) Exposure Compensation.....	10	2 - 1 Background.....	43
8) Sound Recording.....	11	2 - 2 Graphical symbols used in the Guidelines.	43
9) Image with Sound	12	2 - 2 - 2. Data versions	43
10) Thumbnail Display	13	2 - 2 - 2. Reviewed and added items	44
11) Protect.....	14	Appendix1 DSCSG 002-1999.....	46
12) Protected Image/ Protected Picture.....	15	Appendix2 JCIS 26-1997.....	48
13) Image Quality/Picture Quality.....	16	3. Committee members	51
14) Compression(Ratio)	17		
15) Focus Zone1 (Infinity)	18		
16) Focus Zone2 (Medium Distance).....	19		
17) Focus Zone3 (Short Distance).....	20		
18) Focus Zone4 (Close Distance).....	21		
19) Close-up/Macro	22		
20) Telephoto.....	23		
21) Wide Angle.....	24		
22) Flash/Flash On	25		
23) No Flash/Flash Off	26		
24) Red-eye reduction/ compensation	27		
25) Self-timer.....	28		
26) Open	29		
27) Close.....	30		
28) Single (Shooting).....	31		
29) Continuous (Shooting)	32		
30) Multiple Exposure	33		
Appendix1: DSCSG 002-1999 Digital Camera Graphical Symbols			
Appendix3: JCIS 26-1997 Camera Graphical Symbols			

1. Introduction

Today, digital cameras are in widespread use throughout the world. It is therefore important to provide digital camera users (hereafter “users”) with a common interface that enables access to the same operations in a variety of different languages and national specifications. Graphical symbols represent an effective means of achieving this goal.

The aim of *the Guidelines for the Graphical Symbols of Digital Cameras* is to encourage the international standardization of graphical symbols used in digital camera interfaces.

The Guidelines are established by adding new graphical symbols to CIPA DCG-003-2008 *The Guideline for the Graphical Symbols of Digital Cameras* (established on May 29, 2008) as well as reviewing and revising the *Guideline*.

2. Scope

The graphical symbols described in the *Guidelines* are intended for use in the interface(s) associated with operation buttons or controls, indicators, mode selection (including associated devices), connectivity and screen display aspects of digital cameras designed primarily for still image capture.

3. Use of graphical symbols

(1) Symbols are used in accordance with the specific guidelines provided in the sections, “Descriptions” “Other Information” and “Examples of Use” sections of the *Guidelines*.

(2) The titles given to the graphical symbols in the *Guidelines* may be replaced if desired, provided that this will not generate confusion or misunderstanding. Information about naming conventions can be found in CIPA DCG-002-2007 *Specification Guidelines for Digital Cameras*.

(3) As with DSCSG 002-1999 “Digital Camera Graphical Symbols”, the *Guidelines* have been prepared in accordance with IEC80416-1:2001 Basic principles for graphical symbols for use on equipment -Part 1: Creation of symbol originals.

IEC80416-1: 2001 Basic principles for graphical symbols for use on equipment-Part 1: Creation of symbol originals

The basic lines of graphical symbols are shown in the width of 4mm in the *Guidelines*, except for solidly shaded or special notation areas.

(4) Line thicknesses may be modified if desired, provided that such modifications will not alter the appearance substantially or affect recognition or otherwise cause technical issues with the

potential to cause confusion or misunderstanding.































- (5) Modifications that substantially alter the provisions of “Descriptions” are not permitted. This applies particularly to the use of graphical symbols in dials or other forms of rotary switches.
- (6) Use of color in graphical symbols is permitted without restriction, provided that the selected color scheme generates the necessary contrast to convey the intended meaning and does not cause confusion or misunderstanding.
- (7) Any frame or outline around a graphical symbol should be designed so that it is clearly and unambiguously independent of the symbol it encloses.
- (8) In the event of a graphical symbol that appears both in the current document (*The Guideline for the Graphical Symbols of Digital Cameras*) and in either DSCSG 002-1999 *Digital Camera Graphical Symbols* from the Japan Camera Industry Association (JCIA) or JCIS26-1997 *Camera Graphical Symbols*, the provisions of the *Guidelines* shall take precedence.
- (9) A graphical symbol with Name in the form of “A/B” means that any of A and B may be used.

4. Explanation of symbols

4-1 List of symbols

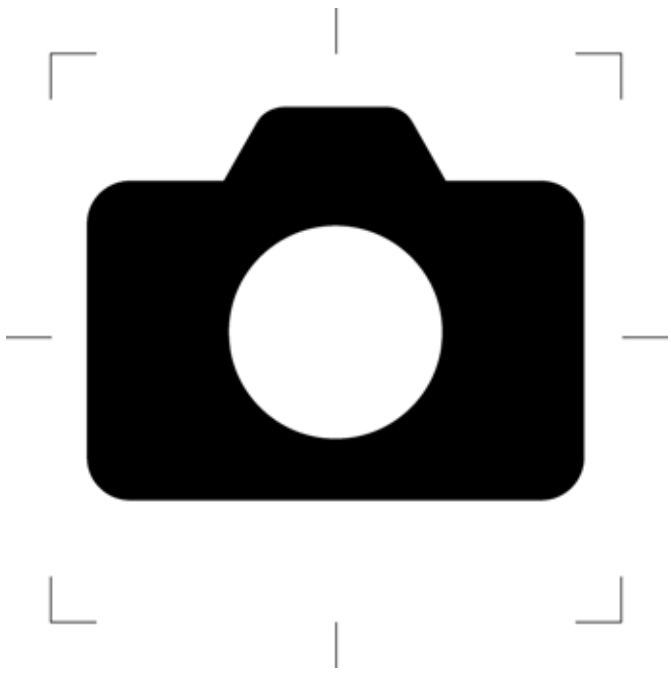
Table 1 lists the 39 symbols employed in the *Guidelines*.

Table 1 Graphical symbols

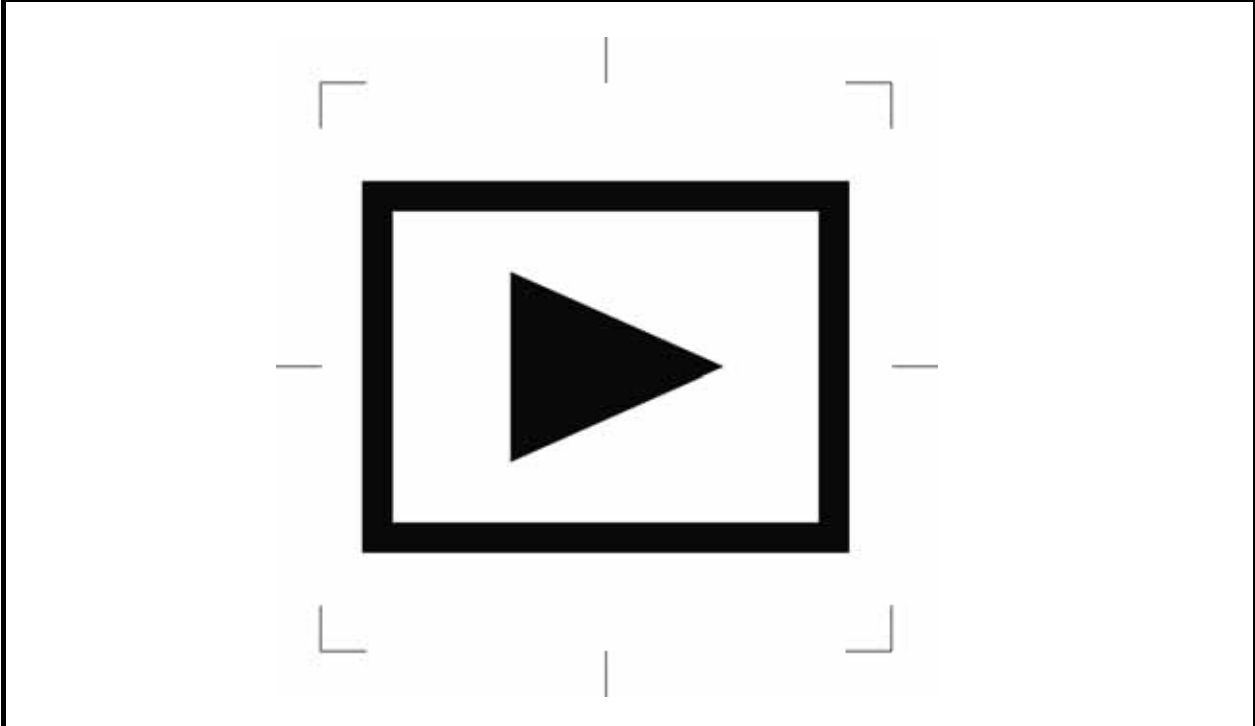
1  Shooting Mode/ Recording Mode	2  Playback Mode	3  Communication Mode	4  Erase Mode/ Delete Mode	5  Erase/Delete
6  Erase/Delete All	7  Exposure Compensation	8  Sound Recording	9  Image with Sound	10  Thumbnail Display
11  Protect	12  Protected Image/ Protected Picture	13  Image Quality/ Picture Quality	14  Compression (Ratio)	15  Focus Zone 1 (Infinity)
16  Focus Zone 2 (Medium Distance)	17  Focus Zone 3 (Short Distance)	18  Focus Zone 4 (Close Distance)	19  Close-up /Macro	20  Telephoto
21  Wide Angle	22  Flash/Flash On	23  No Flash/Flash Off	24  Red-eye reduction/correction	25  Self-timer
26  Open	27  Close	28  Single (Shooting)	29  Continuous (Shooting)	30  Multiple Exposure
31  Number of pixels	32  Card	33  No card	34  Battery, check/ Remaining capacity of battery	35  Standard battery
36  Round and thin-shaped battery	37  Image stabilizer	38  Language	39  Shade	

4-2 Symbol descriptions

The following pages provide descriptions of each of the 39 graphical symbols.

Name	Number
Shooting Mode/ Recording Mode	1
	
Description	Indicates the mode used to capture images including sound recording.
Additional information	

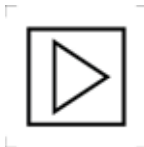

Name Playback Mode	Number 2
------------------------------	--------------------

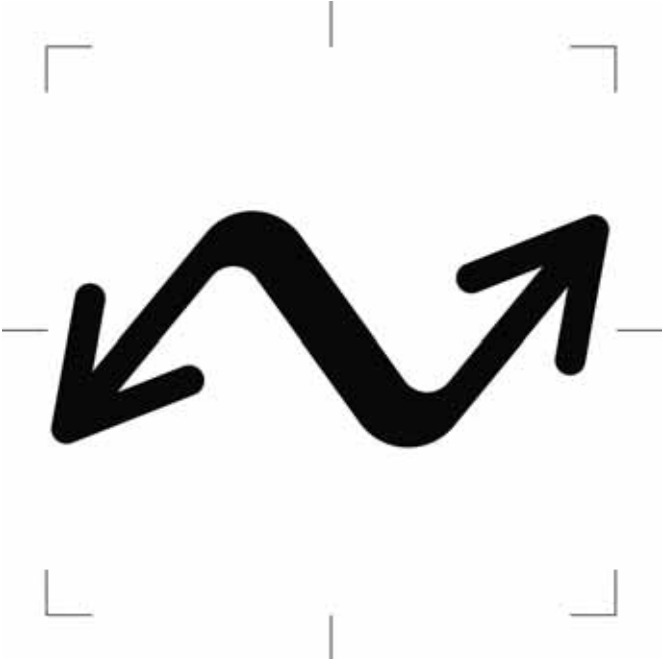


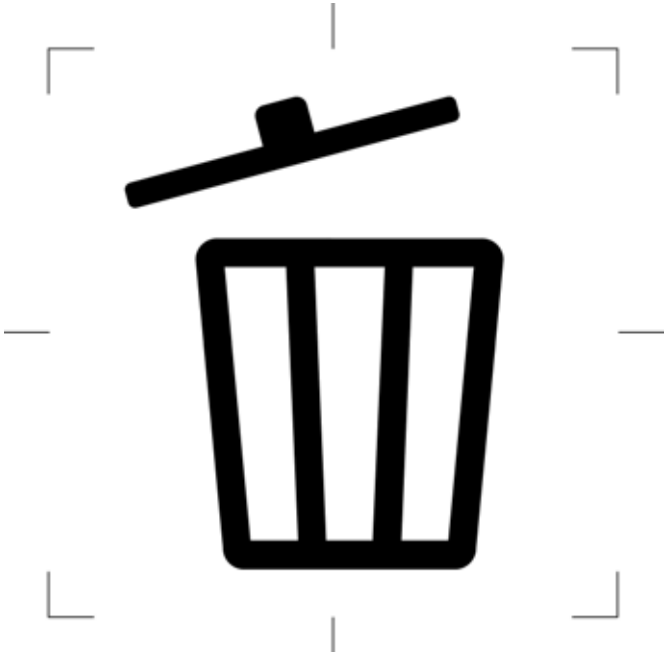
Description Indicates the mode used for playback of recorded images and/or sound recording.

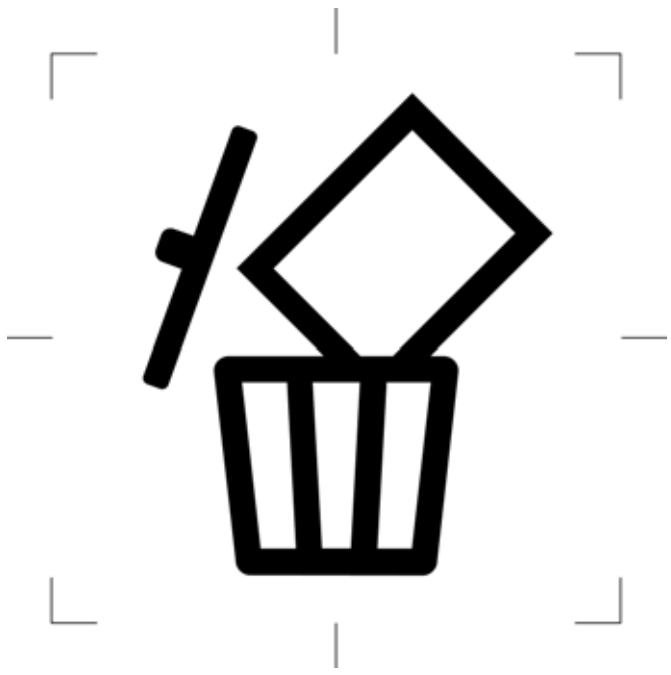
Additional information To prevent confusion, the symbol must be displayed in the orientation shown. Similarly, care should be taken to avoid potential confusion with similar symbols such as IEC60417-5084 (Amplifier) and IEC60417-5107B (Normal run; normal speed), as shown below.

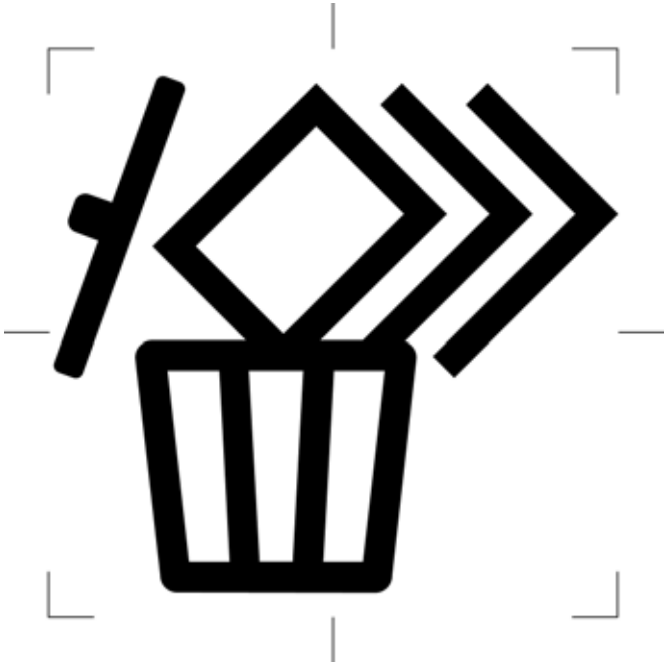
For reference

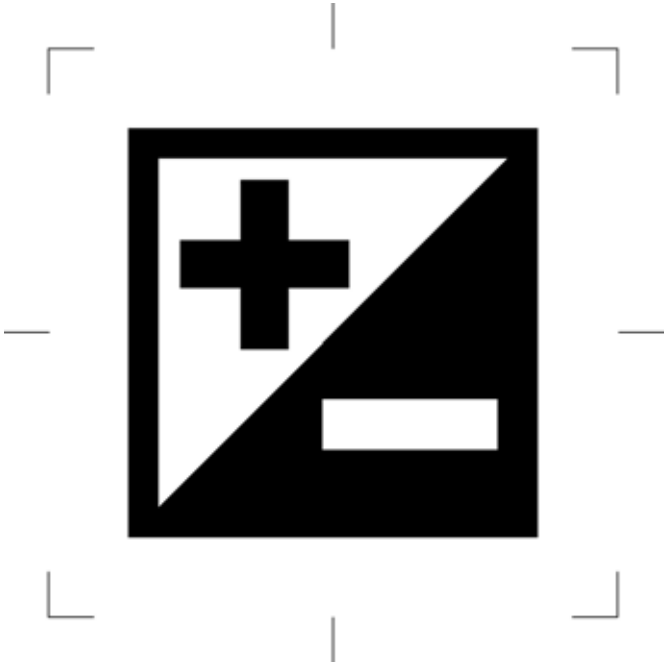
	
IEC 60417-5084 (Amplifier)	IEC 60417-5107B (Normal run; normal speed)



Name Communication Mode	Number 3
	
Description	Indicates the mode used for exchanging data with other devices.
Additional information	No distinction is made between input and output, and the communication method (eg. cable, remote transfer) is not defined.

Name Erase Mode/Delete Mode	Number 4
 A black silhouette of a trash can with a lid, centered within a square frame of dashed lines.	
Description	Indicates the mode used to erase/delete recorded images and/or sound recordings. A generic concept encompassing the Erase/Delete and Erase/Delete All functions.
Additional information	

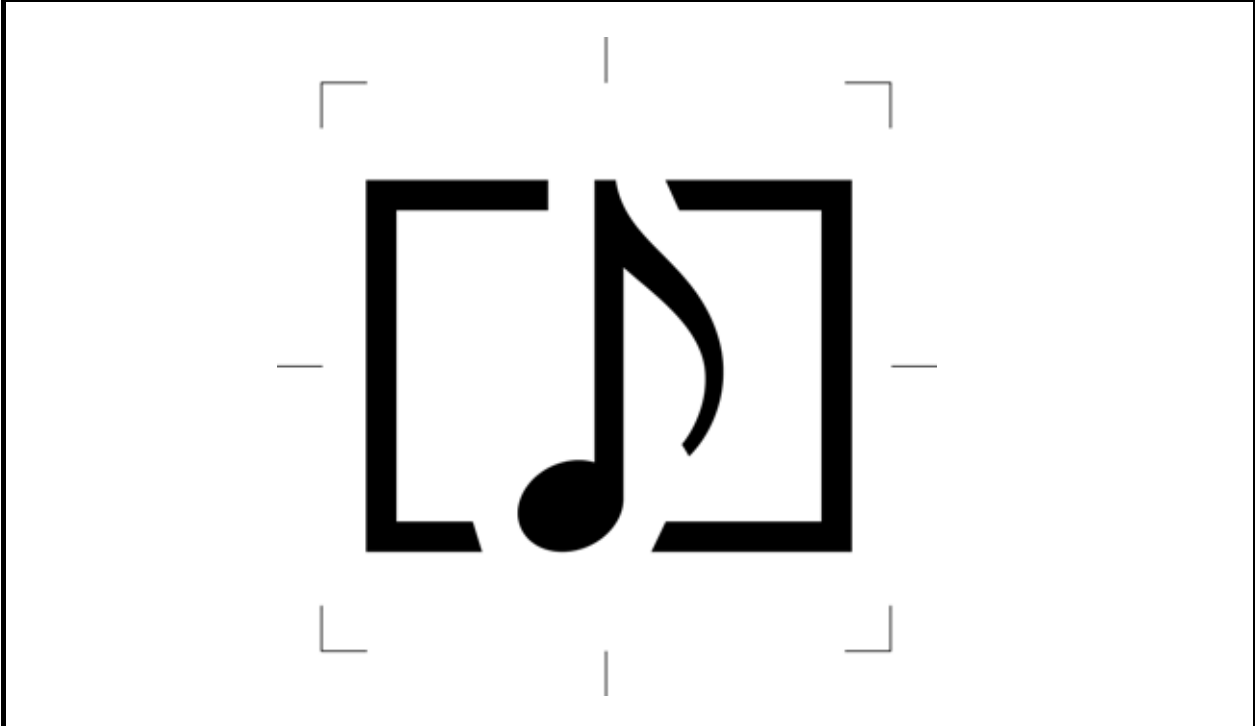
Name	Number
Erase/Delete	5
	
Description	Indicates erasure/deletion of the specified image and/or sound recording data. A subset of the generic concept Delete.
Additional information	

Name Erase/Delete All	Number 6
	
Description	Indicates erasure/deletion of all available images and/or sound recording data. A subset of the generic concept Delete.
Additional information	

Name Exposure Compensation	Number 7
	
Description	Indicates exposure compensation during image capture. (Turn compensation on/Compensation on etc).
Additional information	Does not specify the level of compensation.

Name	Number
Sound Recording	8
	
Description	Indicates sound recording status (Turn sound recording on/Now recording etc.)
<p data-bbox="199 1198 351 1265">Additional information</p> <p data-bbox="199 1433 383 1467">For reference</p> <div data-bbox="494 1388 646 1534">  </div> <p data-bbox="478 1590 766 1657">IEC 60417-5913 (Handheld microphone)</p>	


Name Image with Sound	Number 9
---------------------------------	--------------------




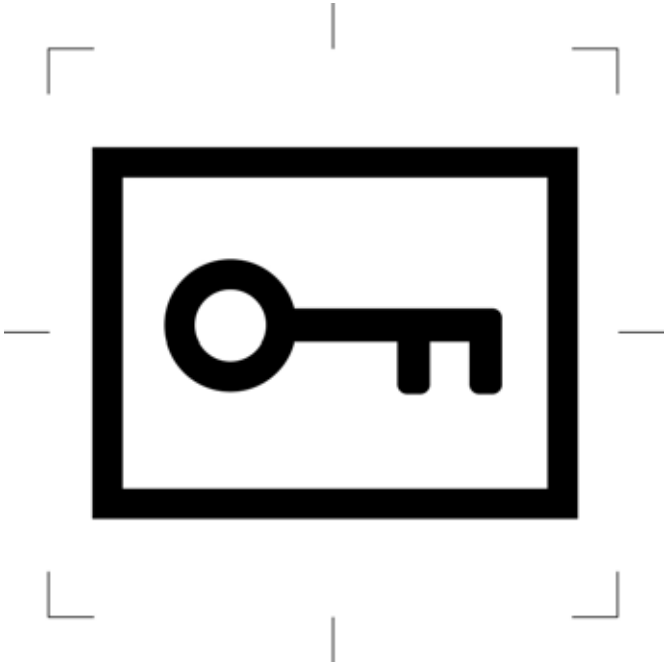
Description	Indicates an image accompanied by sound recording data.
-------------	---

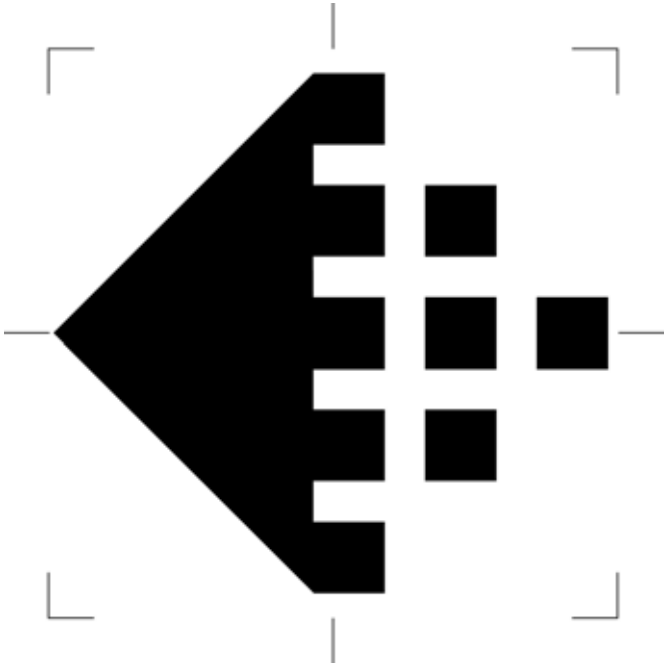
Additional information	Care should be taken to avoid confusion with the symbol(s) used to denote Key Sound Recording and Power On/Off functions.
------------------------	---

For reference	 <p data-bbox="483 1646 683 1713">IEC 60417-5182 (sound ; audio)</p>
---------------	---

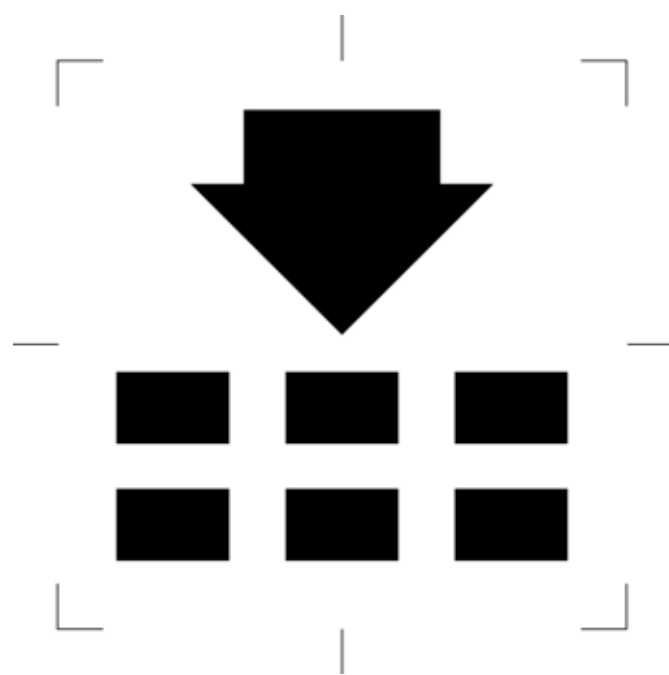
Name	Number
Thumbnail Display	10
Description	Indicates thumbnail display, where multiple recorded images are displayed at reduced size on the screen.
Additional information	<p data-bbox="199 1429 383 1462">For reference</p> <p data-bbox="494 1429 1380 1507">This graphical symbol has been designed to appear consistent with IEC60417-5517(Multiple picture display)</p> <div data-bbox="497 1563 651 1720" style="text-align: center;">  </div> <p data-bbox="486 1724 782 1792">IEC 60417-5517 (Multiple picture display)</p>

Name <p style="text-align: center;">Protect</p>	Number <p style="text-align: center;">11</p>
	
Description	Indicates protection of recorded images and sound recording against accidental deletion.
Additional information	

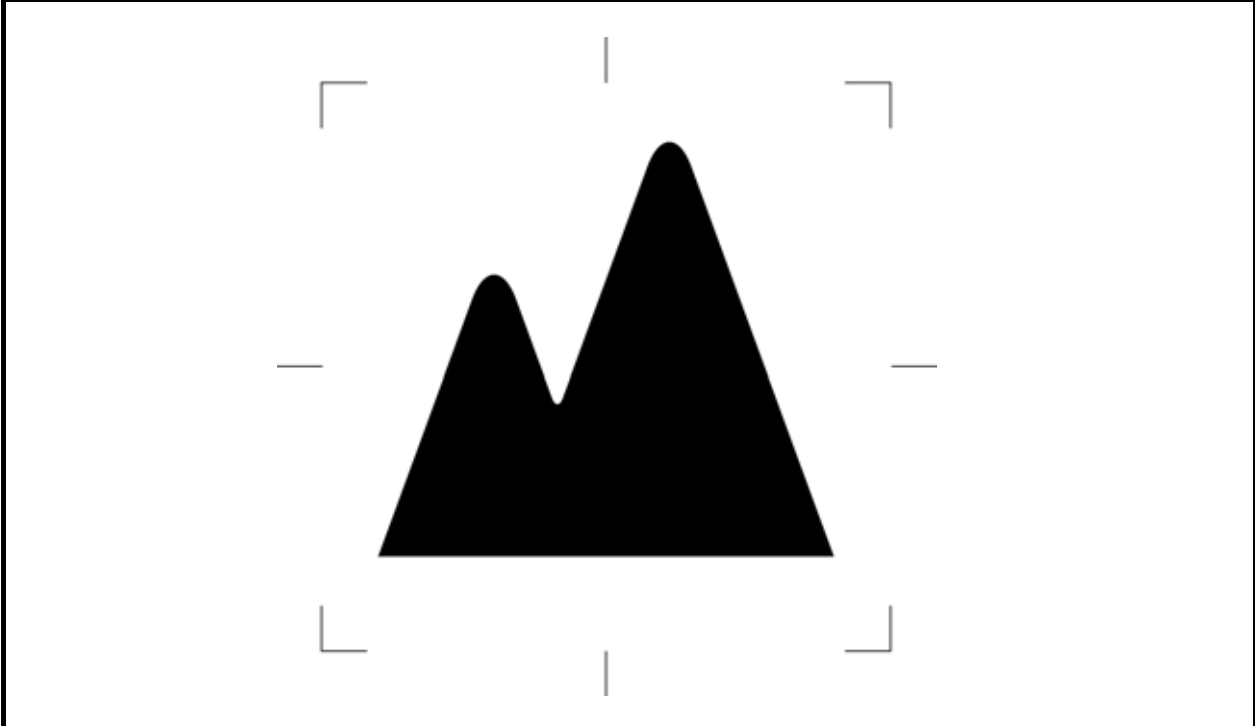
Name	Number
Protected Image/ Protected Picture	12
	
Description	Indicates recorded image and/or sound recording data that has been protected against accidental deletion.
Additional information	

Name	Image Quality/ Picture Quality	Number	13
			
Description	Indicates the quality of the recorded image as a generic concept based on compression (Ratio) and number of recording pixels.		
Additional information			

Name	Number
<p style="text-align: center;">Compression (Ratio)</p>	<p style="text-align: center;">14</p>
Description	<p>Indicates the compression (Ratio), a subset of the generic concept of Image Quality/Picture Quality.</p>
Additional information	<p>The symbol must be displayed in the orientation shown to prevent potential confusion.</p>



Name Focus Zone 1(Infinity)	Number 15
---------------------------------------	---------------------



Description	Indicates subject matter in the long distance.
-------------	--

Additional information	Indicates subject matter in the far distance. May be used in any combination with the following symbols: Focus Zone 2 (No. 16), Focus Zone 3 (No. 17) and Focus Zone 4 (No. 18).
------------------------	---



No. 16

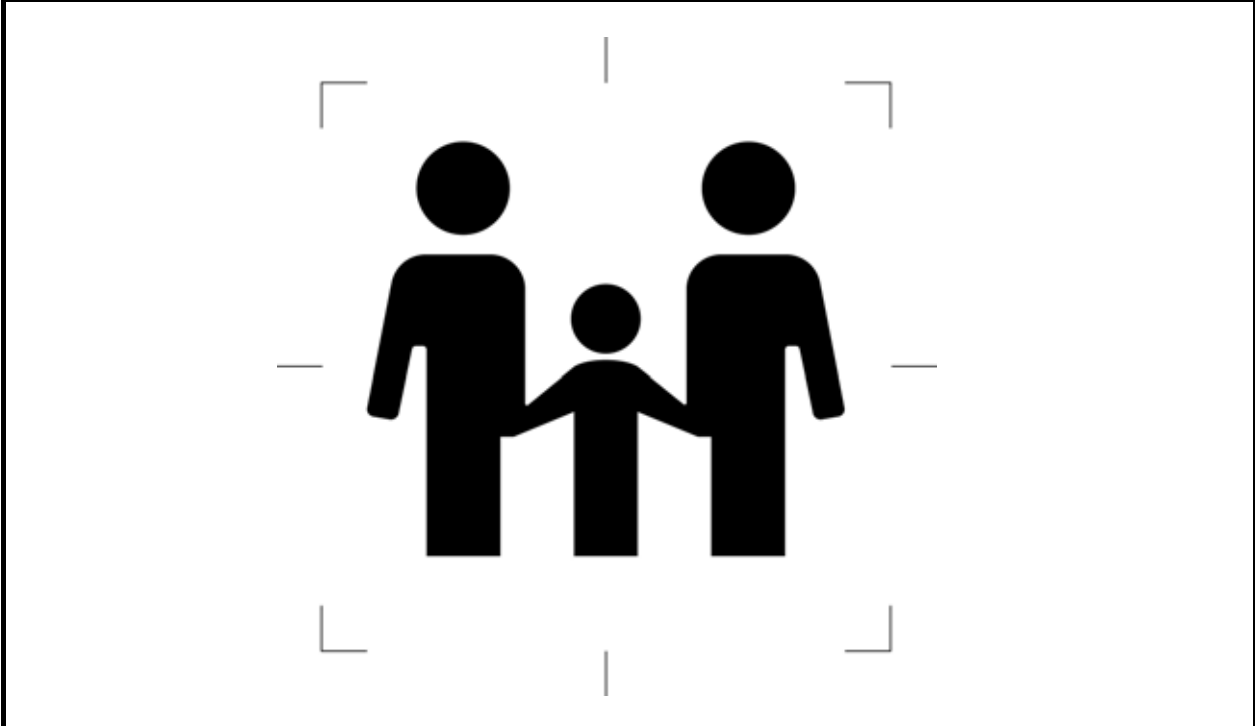


No. 17



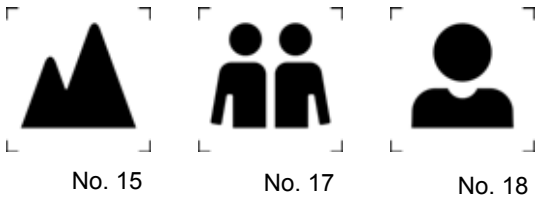
No. 18

Name Focus Zone 2 (Medium Distance)	Number 16
---	---------------------







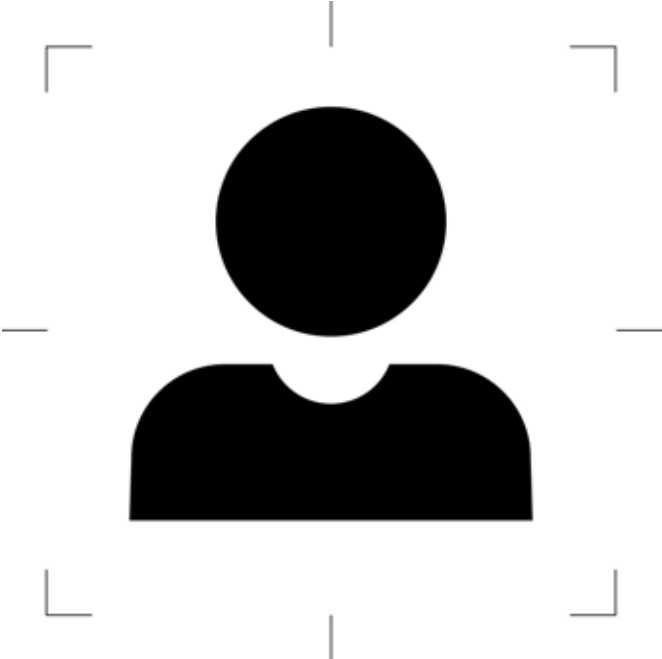



Description	Indicates subject matter in the far distance.
-------------	---


Additional information May be used in any combination with the following symbols: Focus Zone 1 (No. 15), Focus Zone 3 (No. 17) and Focus Zone 4 (No. 18).

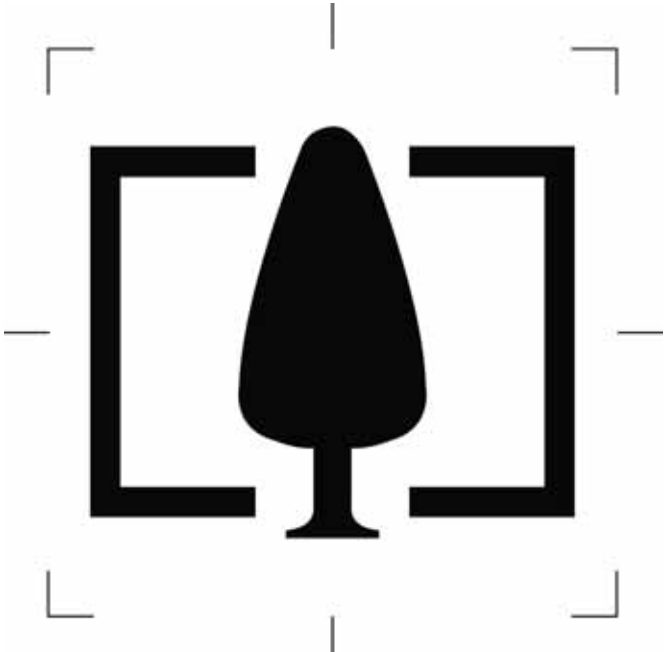




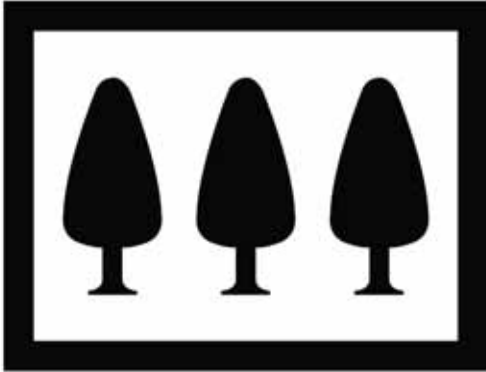


No. 15 No. 17 No. 18


Name Focus Zone 3(Short Distance)	Number 17
	
Description	Indicates subject matter near to the camera.
Additional information	<p>May be used in any combination with the following symbols: Focus Zone 1 (No. 15), Focus Zone 2 (No. 16) and Focus Zone4 (No. 18).</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>No. 15</p> </div> <div style="text-align: center;">  <p>No. 16</p> </div> <div style="text-align: center;">  <p>No. 18</p> </div> </div>


Name Focus Zone 4 (Close Distance)	Number 18
	
Description	Indicates subject matter very near to the camera.
Additional information	<p>May be used in any combination with the following symbols: Focus Zone 1 (No. 15), Focus Zone 2 (No. 16) and Focus Zone 3 (No. 17).</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>No. 15</p> </div> <div style="text-align: center;">  <p>No. 16</p> </div> <div style="text-align: center;">  <p>No. 17</p> </div> </div>

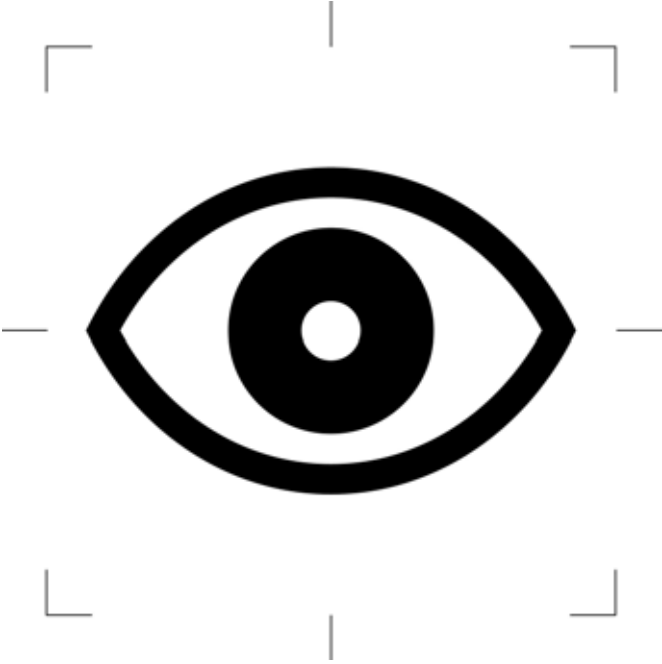
Name Close-up/Macro	Number 19
	
Description	Indicates close-up/macro shooting.
Additional information	

Name	Number
Telephoto	20
Description	Indicates the telephoto zoom position or direction.
Additional information	<p>Additional information: Should be used in combination with the wide angle symbol (No. 21)</p> <p>The ground section of the tree design may be omitted as shown in the Example of Use in cases where minor variations make the line width too thin.</p>
Example of use	
Related standards	
	<p>IEC 60417-5540 (TELE(photo))</p>  <p>No. 21</p>

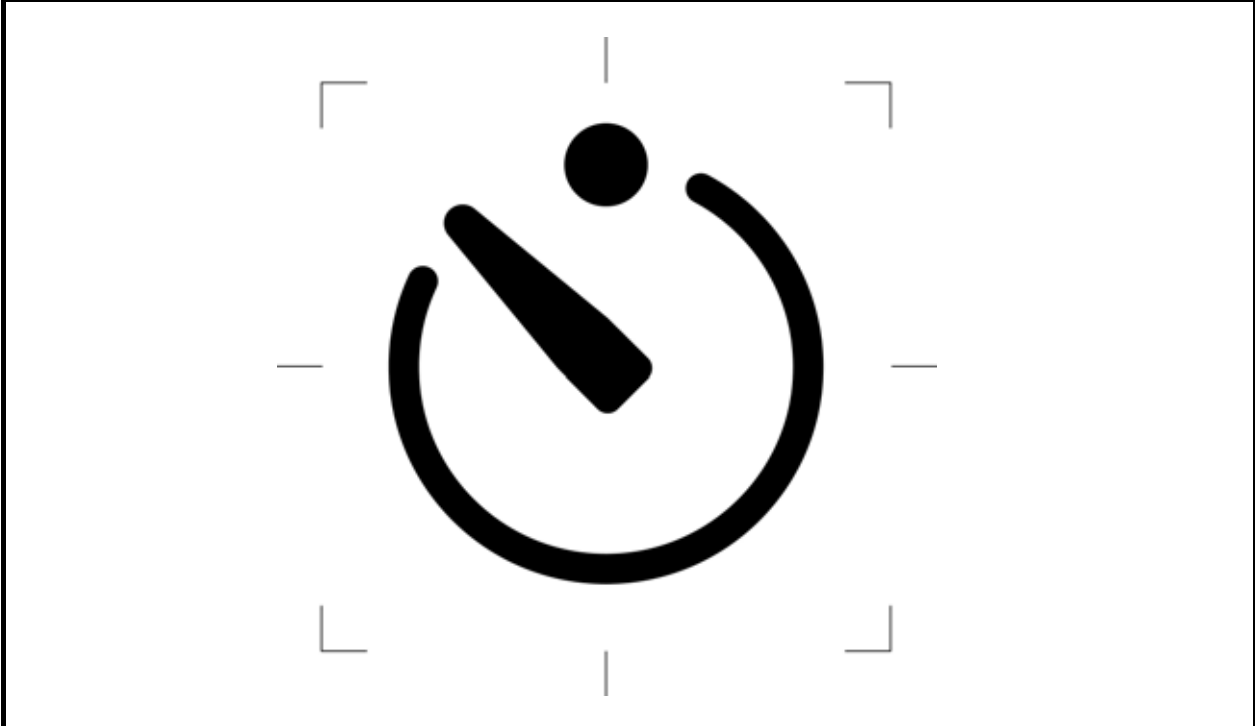
Name	Number
Wide Angle	21
Description	Indicates the wide angle zoom position or direction.
Additional information	<p>Additional information: Should be use in combination with the telephoto symbol (No. 20).</p> <p>The ground section of the tree design may be omitted as shown in the Example of Use in cases where minor variations make the line width too thin</p>
Example of use	  <p>No. 20</p>
Related standards	 <p>IEC 60417-5539 (Wide Angle)</p>

Name	Number
Flash/Flash On	22
Description	Indicates Flash/Flash On mode settings and related functions such as flash-sync. Contact, shutter speed synchronization and Flash/Flash On ready status, as well as the Flash/Flash On mode.
Additional information	Additional information: Care should be taken to prevent confusion with the symbol IEC 60417-5036 (Dangerous voltage) due to the similarity of the design.
For reference	 <p data-bbox="504 1630 751 1693">IEC 60417-5036 (Dangerous voltage)</p>

Name No Flash/Flash Off	Number 23
	
Description	Indicates the Flash/Flash On disabled status.
Additional information	

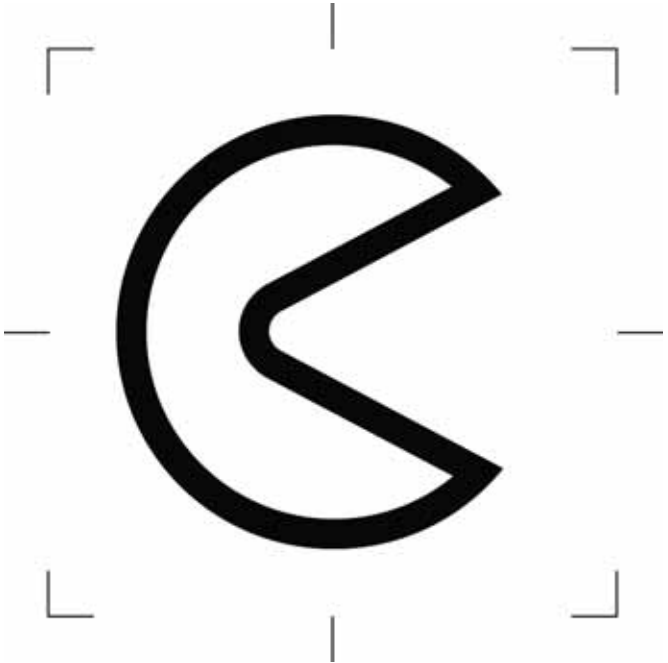
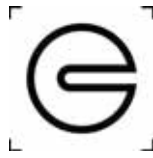
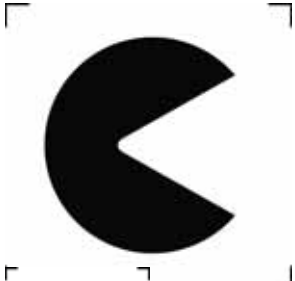
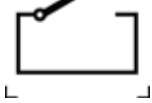
Name Red-eye reduction/compensation	Number 24
	
Description	Indicates red-eye reduction/compensation mode.
Additional information	


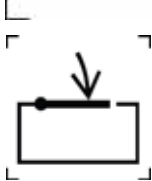
Name Self-timer	Number 25
---------------------------	---------------------

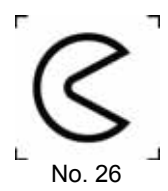


Description	Indicates the self-timer function.
-------------	------------------------------------



Additional information

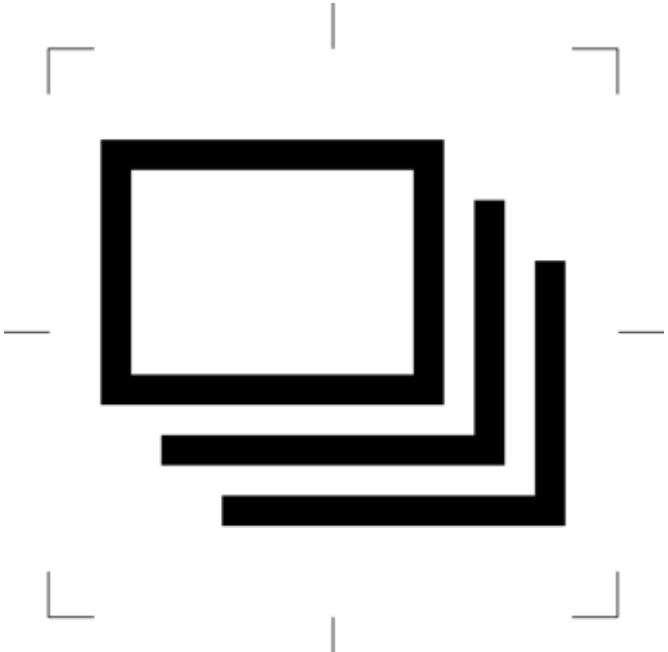
Name	Number	
<p>Open</p> 	<p>26</p>	
<p>Description</p>	<p>Indicates that the lens cover or equivalent is open or is required to be Open.</p>	
<p>Additional information</p>	<p>Additional information: Should be used in combination with the close symbol (No. 27). This symbol has the same meaning as ISO7000-0024 but is considered more readily recognizable in the case of the front lens cover The symbol may be filled in as shown in the example below in cases where minor variations make the line width too thin.</p>  <p style="text-align: right;">No. 27</p>	
<p>Example of use</p>		
<p>For reference</p>	 <p>ISO 7000-0024 (Open a container)</p>	

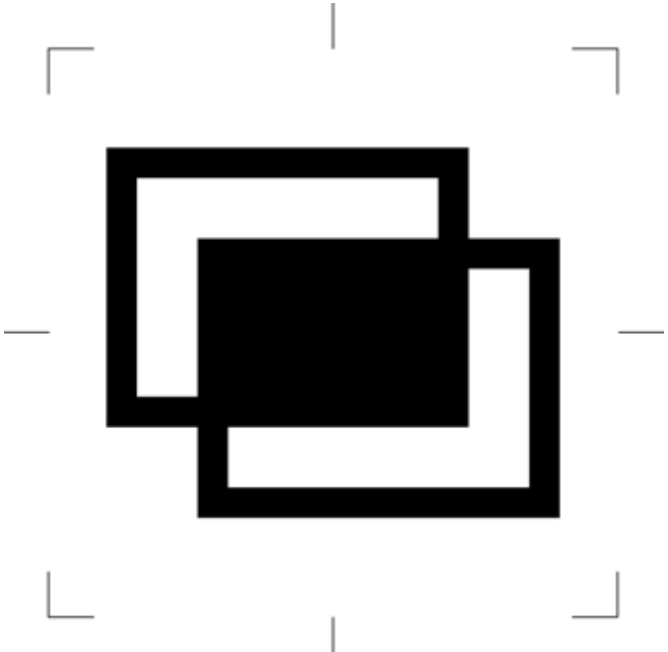
Name	Number	
Close	27	
Description	Indicates that the lens cover or equivalent is closed or is required to be closed.	
Additional information	<p>Additional information: Should be used in combination with the Open symbol (No. 26).</p> <p>This symbol has the same meaning as ISO7000-0025 but is considered more readily recognizable in the case of the front lens cover.</p> <p>The symbol may be filled in as shown in the example below in cases where minor variations make the line width too thin.</p>	
Example of use		
For reference	 <p>ISO 7000-0025 (Close a container)</p>	

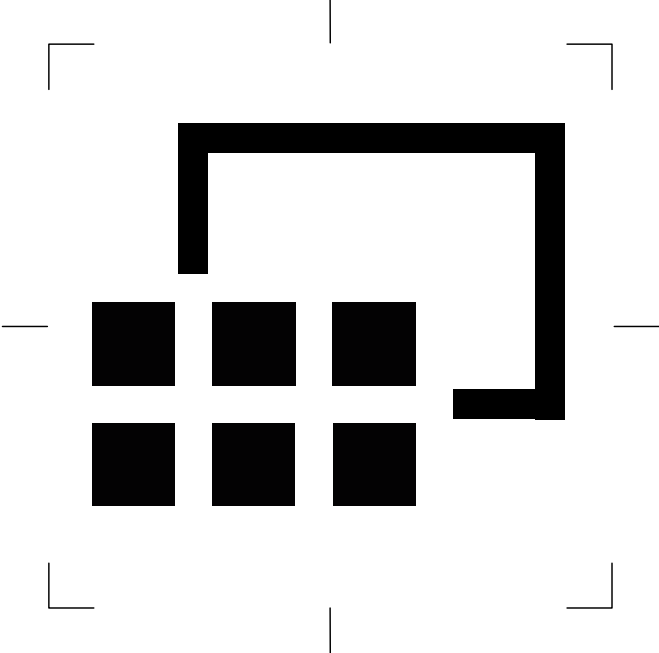


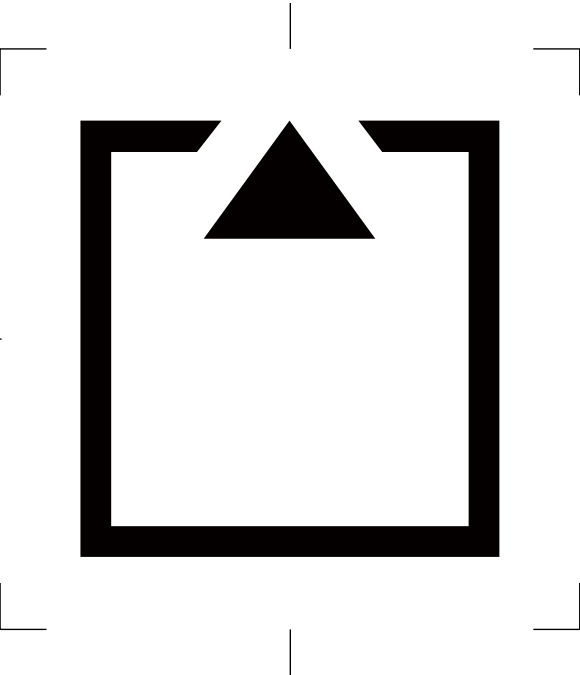
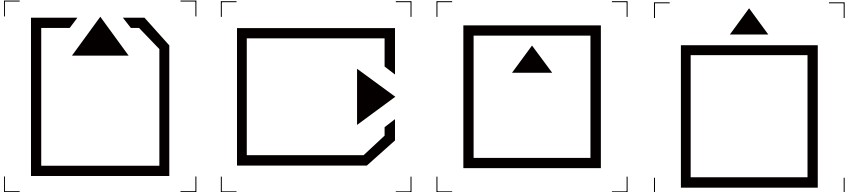
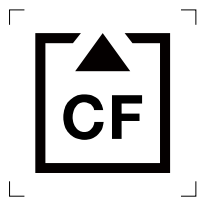
No. 26

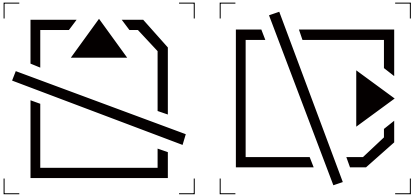
Name	Number
Single (Shooting)	28
Description	Indicates single (shooting) mode, where the camera captures a single exposure with each press of the shutter release button.
Additional information	<p>Additional information: Should be used in combination with the symbols for Continuous (No. 29) and Multiple Exposure (No. 30).</p> <div style="text-align: center;">   </div> <p style="text-align: center;">No. 29 No. 30</p>

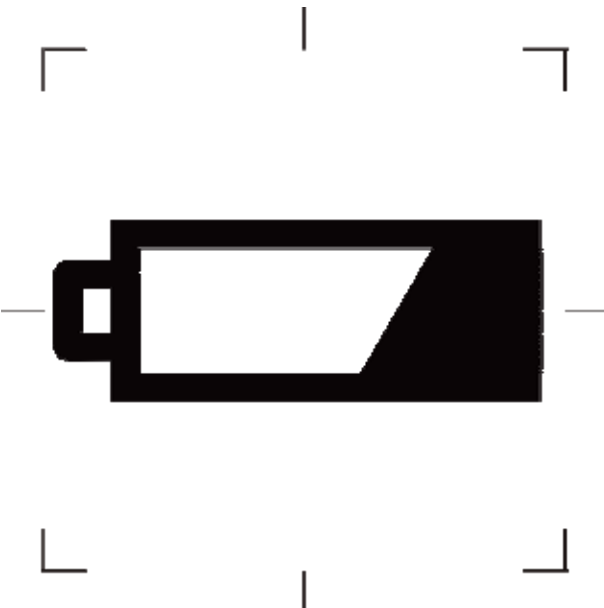


Name Continuous (Shooting)	Number 29
	
Description	Indicates continuous (shooting) mode/recording mode, where the camera captures a number of exposures in succession with a single press of the shutter release button.
Additional information	


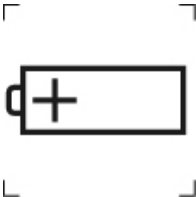
Name Multiple Exposure	Number 30
	
Description	Indicates Multiple Exposure mode, where the camera overlays two or more exposures on one image.
Additional information	

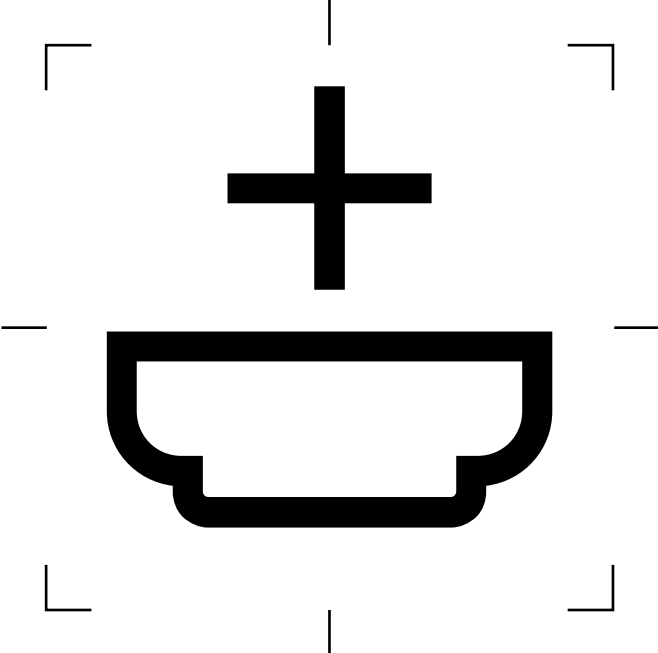
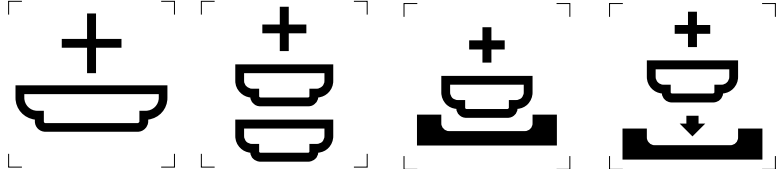
Name	Number
<p style="text-align: center;">Number of pixels</p> 	<p style="text-align: center;">31</p>
Description	<p>Indicates the number of recording pixels and the image size. A subset of the generic concept of Image Quality/Picture Quality.</p>
Additional information	<p>This may also be used for selecting the aspect ratio and displaying the number of recording pixels by being combined with numeric and other symbols.</p>


Name	Number
Card	32
Description	Indicates the memory insertion slot (where applicable), as well as the card inserted status (where applicable).
Additional information	<p>This may also be used to indicate direction of card insertion.</p> <p>The symbol may be displayed in a different orientation if required.</p> <p>The length to width ratio, other details, and location and size of ▲ mark may be modified to reflect the appearance of the actual card.</p> <p>▲ mark may be omitted.</p> <p>The notation indicating a type of the card may be added.</p>
Example of use	  



Name	Number
No card	33
Description	Indicates that no memory card has been inserted in the device.
Additional information	<p>The length to width ratio, other details, and location and size of ▲ mark may be modified to reflect the appearance of the actual card.</p> <p>▲ mark may be omitted.</p> <p>The symbol may be displayed in a different orientation if required; however the diagonal line must travel from the top left to the bottom right.</p> <p>The notation indicating a type of the card may be added.</p>
Example of use	

Name Battery check/Remaining capacity of battery	Number 34
	
Description	Indicates the remaining capacity of the battery.
Additional information	<p>The number or shape of divisions may be modified depending on the remaining capacity or condition of the battery.</p> <p>The length to width ratio may be modified if required.</p> <p>The symbol may be displayed in a different orientation if required.</p>
Example of use	
For reference	<div style="text-align: center;">  </div> <div style="text-align: center; margin-top: 20px;">  </div> <p style="text-align: center;">IEC 60417-5546 (Battery check)</p>

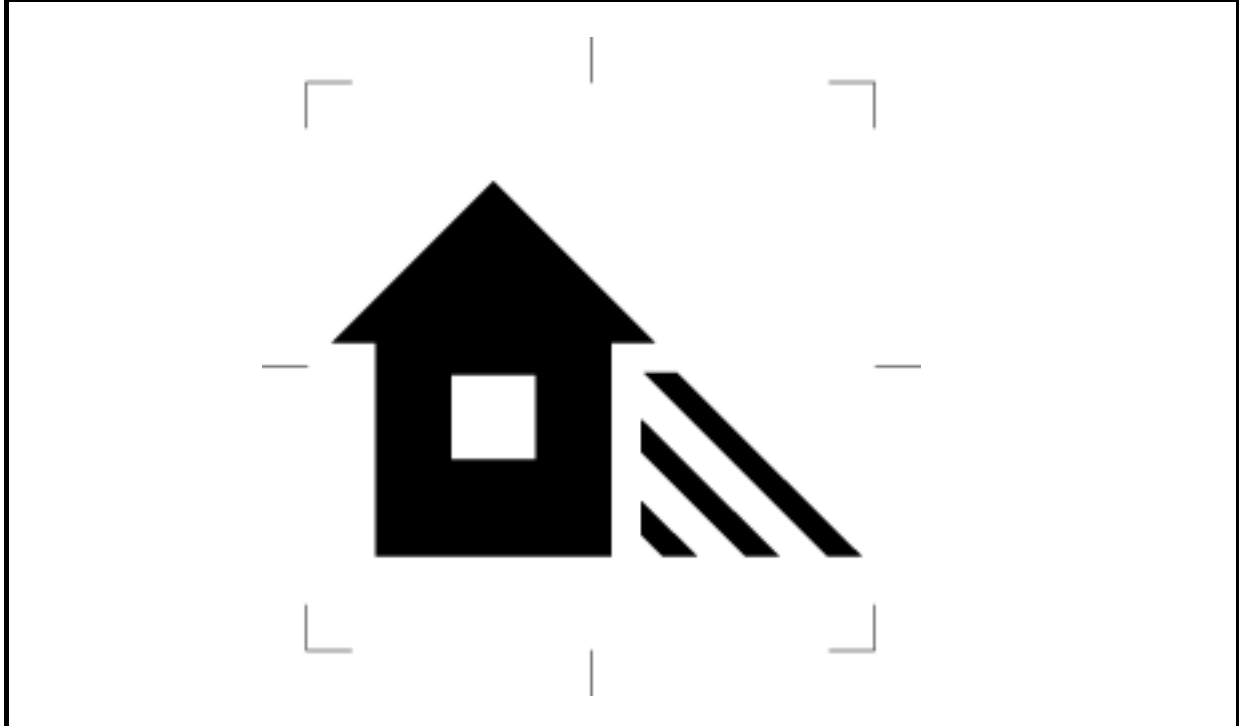
Name	Standard battery	Number	35
Description	Indicates the location to which a standard cylindrical battery (with protrusion) is set as well as the direction of the battery.		
Additional information	<p>The length to width ratio and other minor details may be modified if required.</p> <p>If two or more batteries are set, plural symbols may be shown.</p> <p>If required, the arrow indicating the insertion location may be added, and – (minus) notation may be removed.</p>		
Example of use			
For reference	 <p data-bbox="539 1951 746 2033">IEC 60417-5002 (Positioning of cell)</p>		

<p>Name</p> <p>Round and thin-shaped battery</p>	<p>Number</p> <p>36</p>
	
<p>Description</p>	<p>Indicates the location to which a round and thin-shaped battery such as a button or a coin-shaped battery as well as the direction of the battery.</p>
<p>Additional information</p>	<p>The length to width ratio and other minor details may be modified to reflect the type of the round thin battery.</p> <p>If two or more batteries are set, plural batteries may be shown.</p> <p>The symbol may be displayed in a different orientation if required.</p> <p>Another symbol or arrow that indicates the insertion location may be added if required.</p>
<p>Example of use</p>	

Name Image stabilizer	Number 37
<p>This symbol is based on JEITA CP-1104A “Indication terms and graphical symbols of audiovisual apparatuses” – 42330 “Image stabilizer” symbol.</p> <p>This symbol shown in 4-4-1 Graphical Symbols is based on the CIPA construction rule.</p>	
Description	<p>Indicates activating the function of correcting (suppressing) the blur in the output image caused by the motion of the camera body (camera shake etc.) by using the output of blur detection means, or indicate the above function is working.</p>
Additional information	<p>This function is different from the following “motion-blur-related” functions.</p> <ol style="list-style-type: none"> 1) The function of detecting, correcting and suppressing the subject blur. 2) The function of decreasing the blur of output image caused by motion of either the subject or the camera by shooting at a high-shutter speed through optimizing the exposure control program (control of any one of lens aperture, shutter speed and sensitivity). 3) The function for “motion blur warning” when a specific shutter speed is automatically set. <p>This symbol can be combined with other characters (such as “ON/OFF”) and symbols.</p>
For reference	<div style="text-align: center;">  <p>JEITA CP-1104A 42330 Image stabilizer</p> </div>

Name	Number
Language	38
Description	Indicates the mode used to select a language.
Additional information	<p>The human face area may be solidly shaded as shown below for minute symbols.</p> <p>Example of use</p>  <p>For reference</p>  <p>IEC60417-5210 (Speak)</p>

Name Shade	Number 39
----------------------	---------------------



Description Indicates the system and the applicable modes of white balance control that supports the shaded condition.

Additional information

For reference

IEC60417-5552 (natural light)	IEC60417-5553 (incandescent lamp)	IEC60417-5954 (fluorescent lamp)	IEC60417-5955 (cloudy/rainy)
IEC60417-5956 (sunrise/sunset)			

Commentary

This Commentary provides additional useful information in connection with the main text of the *Guidelines* and associated matters. However, it does not represent part of the *Guidelines* as such.

1. Applicability to other products

The *Guidelines for Graphical Symbols of Digital Cameras* are intended for use with digital cameras; however, they may also be applied to film cameras, video cameras, communications devices and other products and equipment if desired.

2. About the Guidelines

2-1 Background

The process of standardizing the use of graphical symbols for cameras was begun in December 1980 by the Film Cameras sub-section of the Camera Graphical Symbol Study Group in JMDC. When JMDC was disbanded, the role was taken over by JCIA (Japan Camera Industry Association). The resulting standards document, JCIS26-1997 *Camera Graphical Symbols*, was released in June 1997.

In January 1998, the JCIA Digital Camera Committee set up a Digital Camera Graphical Symbol Working Group to develop a new set of standardized graphical symbols specifically for digital cameras. The result was DSCSG 002-1999 *Digital Camera Graphical Symbols*, released by JCIA in July 1999.

For a short period thereafter, the new symbols defined in DSCSG 002-1999 were used in conjunction with common symbols inherited from film cameras as defined in JCIS26-1997 *Camera Graphical Symbols*. But due to the pace of technological advances in the digital camera industry, it was not long before many of the symbols had become outdated and new symbols were needed.

It was therefore decided to undertake a comprehensive review of graphical symbols for digital cameras, thoroughly reflecting the current situations, in order to develop and improve the symbols that give more users common accessibility to camera operations. The result was CIPA DCG 003-2008 *The Guideline for Graphical Symbols of Digital Cameras* released in May 27, 2008.

The *Guideline* is established after discussions by adding the symbols that remained undecided when the above guideline was established as well as the ones that were newly requested to be symbolized.

2-2 Graphical symbols used in the Guidelines

2-2-1 Data versions

The symbols defined in DSCSG 002-1999 *Digital Camera Graphical Symbols* has been already available in electronic data form but not for the symbols defined in JCIS26-1997 *Camera*

Graphical Symbol. Therefore, in the occasion of releasing the *Guidelines*, the data versions were newly created for them too.

2-2-2 Reviewed and added items

After considering symbols to be listed in the guideline, the following nine items have been added to CIPA DCG 003-2008 *The Guideline for the Graphical Symbols of Digital Cameras*.

No. 31 “Number of pixels”

The symbols in DSCSG 002-1999 *Digital Camera Graphical Symbols* were reviewed. Less frequently used symbols were reviewed.

No. 32 “Card”

The symbols in DSCSG 002-1999 *Digital Camera Graphical Symbols* were reviewed. “Additional information” and “Example of use” sections were reviewed.

No. 33 “No card”

The symbols in DSCSG 002-1999 *Digital Camera Graphical Symbols* were reviewed. “Additional information” and “Example of use” sections were reviewed.

No. 34 “Battery check/Remaining capacity of battery”

The symbols in JCIS26-1997 *Camera Graphical Symbols* were reviewed. Minor modification of the symbol was performed and Example of use was added. “Remaining capacity of battery” is added to the Name from a practical point of view.

No. 35 “Standard battery”

The symbols in JCIS26-1997 *Camera Graphical Symbols* were reviewed. Example of use was added from a practical point of view.

No. 36 “Round and thin-shaped battery”

The symbols in JCIS26-1997 *Camera Graphical Symbols* were reviewed. The Title was changed to “Round and thin-shaped battery” for use in wider range.

No. 37 “Image Stabilizer”

A newly-added symbol. This symbol is based on JEITA CP-1104A *Indication terms and graphical symbols of audiovisual apparatuses - 42330* “PREVENTION OF CAMERA MOVEMENT”. Meanings and the information on application and use of this symbol are defined in accordance with “Motion blur suppression” of CIPA DCG-002-2007 *Specification Guideline for Digital Cameras*.

No. 38 “Language”

A newly-added symbol.

No. 39 “Shade”

A newly-added symbol.














Appendix1: DSCSG 002-1999 Digital Camera Graphical Symbols





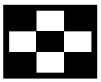



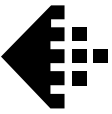
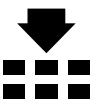

Japan Camera Industry Association, Digital Camera Committee (July 1999)

Note: 1. The symbols listed below are taken from the document DSCSG002-1999.

2. An asterisk in the "No" column indicates that the symbol is define in the *Guidelines*.

Thus, the graphical symbol design, title and description are as per the *Guidelines*.

No.	Symbol	Title	Description
1 *		Shooting Mode/Recording Mode	Indicates the mode used to capture images and sound recording.
2 *		Playback Mode	Indicates the mode used for playback of recorded images and sound recording. The symbol must be displayed in the orientation shown. Care should be taken to prevent confusion with other symbols of similar appearance, such as IEC60417-5084 (Amplifier) and IEC60417-5107B (Normal run ;normal speed).  IEC 60417-5084  IEC 60417-5107B
3 *		Communication Mode	Indicates the mode used for exchanging data with other devices. No distinction is made between input and output, and the data transfer method (eg. cable, remote transfer) is not defined.
4 *		Erase Mode/Delete Mode	Indicates the mode used to delete recorded images and/or sound recordings. A generic concept encompassing Erase/Delete and Erase/Delete All.
5 *		Erase/Delete	Indicates deletion of the specified image and/or sound recording data. A subset of the generic concept Delete.
6 *		Erase/Delete All	Indicates deletion of all available image and sound recording data. A subset of the generic concept Delete.
7 *		Exposure Compensation	Indicates exposure compensation during image capture (Turn compensation on/Compensation on etc). Does not specify the level of compensation.
8 *		Sound Recording	Indicates sound recording status (Turn Sound recording on/Now recording etc). For reference: EIAJ CP-1104-33060 (hand microphone) 
9		Image with Sound	Indicates an image accompanied by sound recording data. Care should be taken to avoid confusion with symbol(s) used to denote Key Sound Recording and Power On/Off functions. For reference: IEC60417-5182 (sound ;audio) 













10 *		Card	Indicates the memory card insertion slot (where applicable), as well as the card inserted status (where applicable). Suitable for all card types. May also be used to indicate direction of insertion. The symbol may be displayed in a different orientation if required. The length to width ratio and other minor details may be modified to reflect the appearance of the actual card. Examples: 
11 *		No card	Indicates that no memory card has been inserted in the device. Suitable for all card types. The symbol may be displayed in a different orientation if required; however the diagonal line must travel from the top left to the bottom right. The length to width ratio and other minor details may be modified to reflect the appearance of the actual card. Examples: 
12 *		Thumbnail Display	Indicates thumbnail display, where multiple recorded images are displayed at reduced size on the screen. This graphical symbol has been designed to appear consistent with IEC60417-5517 (Multiple picture display). For reference: IEC60417-5517(Multiple picture display) 
13 *		Protect	Indicates protection of recorded images and sound recording against accidental deletion.
14 *		Protected Image/Protected Picture	Indicates recorded image and/or sound recording data that has been protected against accidental deletion.
15 *		Image Quality/ Picture Quality	Indicates the quality of the recorded image based on factors such as compression (ratio) and number of pixels. A generic concept encompassing compression (ratio) and number of pixels.
16 *		Compression (Ratio)	Indicates the compression (ratio). A subset of the generic concept of Image Quality/Picture Quality. The symbol must be displayed in the orientation shown.
17		Number of pixels	Indicates the number of pixels in the image. A subset of the generic concept of Image Quality/Picture Quality.















Appendix2: JCIS 26-1997 Camera Graphical Symbols
















Japan Camera Industry Association, June 10 1997

Note: 1. The symbols listed below are taken from the document JCIS 26-1997.

2. An asterisk in the "No" column indicates that the symbol is defined in the *Guidelines*. Thus, the graphical symbol design, title and description are as per the *Guidelines*.

No.	Symbol	Title	Description
1 *		Focus Zone 1(Infinity)	Indicates subject matter in the far distance. Additional information: Normally used as part of a set of four symbols as shown below. A combination of any of these symbols may also be used. 
2 *		Focus Zone 2(Medium Distance)	Indicates subject matter in the middle distance. Additional information: Normally used as part of a set of four symbols as shown below. A combination of any of these symbols may also be used. 
3 *		Focus Zone 3(Short Distance)	Indicates subject matter near to the camera. Additional information: Normally used as part of a set of four symbols as shown below. A combination of any of these symbols may also be used. 
4 *		Focus Zone 4(Close Distance)	Indicates subject matter very near to the camera. Additional information: Normally used as part of a set of four symbols as shown below. A combination of any of these symbols may also be used. 
5 *		Close-up	Indicates close-up shooting. Additional information: Normally used in combination with the Zone Focus symbols, but may also be used on its own.
6 *		Telephoto	Indicates the telephoto zoom position or direction, both on screen and on the zoom button or control. Additional information: Normally used in combination with the Wide Angle symbol.
7 *		Wide Angle	Indicates the wide zoom position or direction, both on screen and on the zoom button or control. Additional information: Normally used in combination with the Telephoto symbol.
8		Backlight compensation	Indicates the backlight compensation button or control, as well as the backlight display and warning. Additional information: Provide no indication of the level of compensation applied.

9 *		Flash/Flash On	Indicates flash/flash on functions such as X point, shutter speed synchronization and flash/flash on ready status, as well as the flash/flash on mode. Additional information: Care should be taken to prevent confusion with the symbol IEC Pub.417-5036a (Dangerous Voltage)  due to the similarity of the design.
10 *		No Flash/Flash Off	Indicates the button or control used to disable the flash/flash on, as well as the flash/flash on disabled status. Additional information: For display on the LCD, the following symbol may be used instead. 
11 *		Red-eye reduction	Indicates the button or control used for red-eye reduction mode, as well as the status of the red-eye reduction mode.
12		Rewind film	Indicates the button or control for rewinding the film; also used to acknowledge that the rewind instruction has been received and to indicate that rewinding is in progress. Additional information: Where film rewinding occurs in the opposite direction, the following mirror-image symbol may be used instead. 
13 *		Self-timer	Indicates the button or control for operating the self-timer; also used to indicate the status of self-timer mode and/or to indicate that the self-timer is in operation. Additional information: Can also be used for electronic self-timers.
14 *		Open	Indicates that the lens cover or equivalent is open or is required to be open. Additional information: Should be used in combination with the Close symbol. For reference: This symbol has the same meaning as ISO7000-0024 (see below), but is considered more readily recognizable in the case of the front lens cover. 
15 *		Close	Indicates that the lens cover or equivalent is closed or is required to be closed. Additional information: Should be used in combination with the Open symbol. For reference: This symbol has the same meaning as ISO7000-0025 (see below), but is considered more readily recognizable in the case of the front lens cover. 
16 *		Single(Shooting)	Indicates single (shooting) mode, where the camera captures a single exposure, as well as the means of selecting this mode. Additional information: Used in combination with the Continuous and Multiple Exposure symbols.
17 *		Continuous (Shooting)	Indicates continuous (shooting) Mode/Recording Mode, where the camera captures a number of exposures in succession, as well as the means of selecting this mode.

18 *		Multiple Exposure	Indicates Multiple Exposure mode, where the camera overlays two or more exposures on the same image, as well as the means of selecting this mode.
19 *		Battery check	Indicates the battery low warning, as well as the means of checking the battery level. Additional information: This symbol may be displayed in either vertical or horizontal orientation as shown. For lithium batteries, refer to JCIS24-93.  
20 *		Standard battery 1	Indicates the correct alignment of a standard cylindrical battery (with protrusion) as well as the battery inserted status. Additional information: Depending on battery orientation and location, the following symbols may be used instead. For reference: This symbol is used in the same way as IEC Pub.417-5002a (battery position); however, a minus symbol has been added in order to indicate the correct orientation.   IEC Pub.417-5002a
21		Standard battery 2	Indicates the correct alignment of a standard CR123A type, etc. cylindrical battery (without protrusion) as well as the battery inserted status. Additional information: Depending on battery orientation and location, the following symbol may be used instead. 
22 *		Button battery	Indicates the correct alignment of a SR44 type, etc. button battery as well as the battery inserted status. Additional information: Where two or more batteries are present, the following symbol may be used instead. 
23		Lithium pack battery 1	Indicates the correct alignment of a 2CR5 type, etc. Lithium pack battery as well as the battery inserted status. Additional information: Depending on battery orientation and location, the following symbols may be used instead. 
24		Lithium pack battery 2	Indicates the correct alignment of a CR-P2 type, etc. lithium pack battery as well as the battery inserted status. Additional information: Depending on battery orientation and location, the following symbols may be used instead. 

3. Committee members

The Guideline for the Graphical Symbols of Digital Cameras were prepared by the Graphical Symbols Subcommittee of the Technology Working Group of the Standardization Committee, based on draft recommendations developed by the Symbols Subcommittee of the Technology Working Group of the Standardization Committee.

The composition of the various committees is show below.

3-1 Standardization Committee

Chair	Canon Inc.	Nobuaki Sakurada
Vice Chair	Olympus Imaging Corp .	Hideaki Yoshida
Vice Chair	Sony Corporation	Eiichi Ichimura
Vice Chair	NIKON CORPORATION	Koichiro Kawamura
Vice Chair	FUJIFILM Corporation	Mikio Watanabe
Vice Chair	Panasonic Corporation	Masaaki Nakayama

3-2 Technical Working Group

Leader	Panasonic Corporation	Masaaki Nakayama
Sub Leader	Olympus Imaging Corp .	Hideaki Yoshida

3-3 Graphical Symbol Sub-Working Group

Chief	FUJIFILM Corporation	Makoto Isozaki
SubChief	NIKON CORPORATION	Hideki Itou
	AOF Imaging Technology, Japan LTD.	Tomio Kozu
	Canon Inc.	Ryoichi Takahashi
	Canon Inc.	Nobuhiro Ago
	CASIO COMPUTER CO., LTD.	Yuichi Onumata
	CASIO COMPUTER CO., LTD.	Shinichi Moritani
	CASIO COMPUTER CO., LTD.	Kazuto Sakaguchi
	FUJIFILM Corporation	Kazuhiisa Horikiri
	HOYA Corporation (PENTAX)	Kouki Onuma
	HOYA Corporation (PENTAX)	Takeshi Mathusita
	HOYA Corporation (PENTAX)	Toshihiro Hamamura
	NIKON CORPORATION	Jun Konno
	OLYMPUS CORPORATION	Kazuhiro Sato
	OLYMPUS CORPORATION	Noriko Kase
	Panasonic Corporation	Tatsuyoshi Asawa
	Panasonic Corporation	Katsuyoshi deto
	Panasonic Corporation	Hironori Katsuura

Ricoh Company, Ltd.	Mayu Takano
Ricoh Company, Ltd.	Masahiro Kurita
SAMSUNG DIGITAL IMAGING CO., LTD.	Kenji Yamauchi
SAMSUNG DIGITAL IMAGING CO., LTD.	Kenji Baba
SANYO Electric Co., Ltd	Kazuto Yoshii
SANYO Electric Co., Ltd	shinya.haraga
Sony Corporation	Yasushi Noda
Sony Corporation	Eiichi Ichimura
Sony Corporation	Hiroshi Yasutomi
Sony Corporation	Hidenobu Takemura
Tamron Co.,Ltd.	Takayuki kuroki

Any and all standards and guidelines published by CIPA have been set forth without examining any possibility of infringement or violation of Intellectual Property Rights (patent right, utility model right, trademark right, design right, copyright and any other rights or legal interests of the same kind). In no event shall CIPA be liable in terms of Intellectual Property Rights for the contents of such standards and guidelines.

CIPA DCG-003- Translation -2009

Established on October, 2009

Published by Camera & Imaging Products Association
JCII BLDG, 25, Ichiban-cho, Chiyoda-ku, Tokyo, 102-0082 Japan
TEL +81-3-5276-3891 FAX +81-3-5276-3893

All rights reserved

[No part of this standard may be reproduced in any form or
by any means without prior permission from the publisher.]