Annex N Short Video Format Names (Informative)
It is common practice to describe video formats using terse names. This section provides a standardized set of short names for all CEA-861-E video formats codes.

Table 97 lists recommended short and HxV @ F names for each CEA-861-E video identification code.

Code	Short Name	HxV @ F Name
1	DMT0659	640x480p @ 59.94/60Hz
2	480p	720x480p @ 59.94/60Hz
3	480pH	
4	720p	1280x720p @ 59.94/60Hz
5	1080i	1920x1080i @ 59.94/60Hz
6	480i	720(1440)x480i @ 59.94/60Hz
7	480iH	
8	240p	720(1440)x240p @ 59.94/60Hz
9	240pH	
10	480i4x	2880x480i @ 59.94/60Hz
11	480i4xH	
12	240p4x	2880x240p @ 59.94/60Hz
13	240p4xH	
14	480p2x	1440x480p @ 59.94/60Hz
15	480p2xH	
16	1080p	1920x1080p @ 59.94/60Hz
17	576p	720x576p @ 50Hz
18	576pH	
19	720p50	1280x720p @ 50Hz
20	1080i25	1920x1080i @ 50Hz
21	576i	720(1440)x576i @ 50Hz
22	576iH	
23	288p	720(1440)x288p @ 50Hz
24	288pH	
25	576i4x	2880x576i @ 50Hz
26	576i4xH	
27	288p4x	2880x288p @ 50Hz
28	288p4xH	
29	576p2x	1440x576p @ 50Hz
30	576p2xH	
31	1080p50	1920x1080p @ 50Hz
32	1080p24	1920x1080p @ 23.98/24Hz
33	1080p25	1920x1080p @ 25Hz
34	1080p30	1920x1080p @ 29.97/30Hz
35	480p4x	2880x480p @ 59.94/60Hz
36	480p4xH	
37	576p4x	2880x576p @ 50Hz
38	576p4xH	
39	108Oi25	1920x1080i (1250 Total) @ 50Hz
40	1080i50	1920x1080i @ 100Hz
41	720p100	1280x720p @ 100Hz
42	576p100	720x576p @ 100Hz
43	576p100H	

44	576i50	720(1440)x576i @ 100Hz
45	576i50H	
46	1080i60	1920x1080i @ 119.88/120Hz
47	720p120	1280x720p @ 119.88/120Hz
48	480p119	720x480p @ 119.88/120Hz
49	480p119H	
50	480i59	720(1440)x480i @ 119.88/120Hz
51	480i59H	
52	576p200	720x576p @ 200Hz
53	576p200H	
54	576i100	720(1440)x576i @ 200Hz
55	576i100H	
56	480p239	720x480p @ 239.76/240Hz
57	480p239H	
58	480i119	720(1440)x480i @ 239.76/240Hz
59	480i119H	
60	720p24	1280x720p @ 23.98/24Hz
61	720p25	1280x720p @ 25Hz
62	720p30	1280x720p @ 29.97/30Hz
63	1080p120	1920x1080 @ 119.88/120Hz

Table 97 Short Video Format Names

The composition of short names varies by format type. IT video format names consist standard (or company EISA ID) initials, two digits indicating approximate Hactive, video frame rate, and perhaps a single capital-letter indicating aspect ratio (e.g. "CVT1360H"). CE video format names, on the other hand, consist of Vactive, a lower-case letter indicating the scanning method, perhaps an expression indicating increased Hactive (relate to the reference standard), perhaps a video frame rate, and perhaps a single letter indicating aspect ratio (e.g. 480i4xH).

Interlace, progressive, and segmented-frame scanning methods are indicated by the lower-case letters: "i", "p", and "s", respectively. CEA-861-E does not yet include any segmented-frame video formats. A segmented-frame consists of two fields: a first field, containing all the even lines of a progressively scanned frame, followed by a second field, containing all the odd lines of that same progressively scanned frame. It is different than an interlaced frame in that the image data in the field-pairs represent a single instant in time, whereas the field-pairs of interlaced video formats represent two different instants in time.

Increased Hactive expressions include "2x" and "4x" indicate two and four times the reference resolution, respectively.

NTSC de-tuning is indicated by subtracting one from the un-tuned frame rate (e.g. 59).

Aspect ration symbols are described in Annex M.

The short names for some codes omit the increased Hactive expression, frame rate, and (or) aspect ratio. In such cases, the following assumptions should be made:

1. All 240p, 288p, 480i, 576i standard-definition (Vactive < 720 lines) CE video formats are assumed to have a "2x" increase in Hactive - relative to the reference standard.
2. All North American standard-definition (Vactive 240-line or 480-line) and high-definition (Vactive 720-line or 1080-line) CE video formats are assumed to have a field rates of 60*(1000/1001) Hz and 60Hz, respectively. Note that, in the case of progressive "p" video formats, the field and frame rates are equal.

3. All standard-definition (Vactive < 720) and high-definition (720 < Vactive) CE video formats are assumed to have a 4:3 "T" and 16:9 "H" aspect ratio, respectively. All IT video formats are assumed to have a 4:3 "T" aspect ratio unless otherwise indicated.

IT Industry Standard initials are shown in Table 98.

Initials	IT Industry Standard
DMT	VESA DMT Standard
CVT	VESA CVT Standard (w/CRT blanking)
CVR	VESA CVT Standard (w/reduced blanking)

Table 98 IT Video Format Short Name - Standard Initials

The approximate Hactive of IT video formats is indicated by a two-digit code – just to the right of the standard (or company EISA ID) initials. Table 99 list Hactive for each two-digit code.

Code	Hactive
02	$256\ (2^8)$
03	$320\ (2^8+2^5)$, $352\ (2^8+2^6+2^5)$, $384\ (2^8+2^7)$
05	$512\ (2^9)$, $528\ (2^9+2^4)$, $544\ (2^9+2^5)$
06	$640\ (2^9+2^7)$
07	$704\ (2^9+2^7+2^5)$, $720\ (2^9+2^7+2^6+2^4)$, $768\ (2^9+2^5)$
08	$800\ (2^9+2^8+2^5)$, $848\ (2^9+2^8+2^5+2^4)$
09	$960\ (2^9+2^8+2^7+2^6)$
10	$1024\ (2^{10})$
11	$1152\ (2^{10}+2^7)$
12	$1200\ (2^{10}+2^7+2^5+2^4)$, $1224\ (2^{10}+2^7+2^6+2^3)$ or $1280\ (2^{10}+2^8)$
13	$1360\ \ (2^{10}+2^8+2^6+2^4)$ or $1365\ (2^{10}+2^8+2^6+2^4+2^2+1)$
14	$1400\ (2^{10}+2^8+2^6+2^5+2^4+2^3)$, $1440\ (2^{10}+2^8+2^7+2^5)$
16	$1600\ (2^{10}+2^9)$
17	$1704\ (2^{10}+2^9+2^7+2^5+2^3)$, $1792\ (2^{10}+2^9+2^8)$
18	$1800\ (2^{10}+2^9+2^8+2^3)$
19	$1920\ (2^{10}+2^9+2^8+2^7)$
20	$2048\ (2^{11})$
21	$2128\ (2^{11}+2^6+2^4)$
23	$2304\ (2^{11}+2^8)$
25	$2560\ (2^{11}+2^9)$
27	$2728\ (2^{11}+2^9+2^7+2^5+2^3)$
30	$3072\ (2^{11}+2^{10})$
32	$3200\ (2^{11}+2^{10}+2^7)$
34	$3408\ (2^{11}+2^{10}+2^8+2^6+2^4)$
38	$3840\ (2^{11}+2^{10}+2^9+2^8)$
40	$4096\ (2^{12})$
42	$4264\ (2^{12}+2^7+2^5+2^3)$
46	$4608\ (2^{12}+2^9)$
51	$5120\ (2^{12}+2^{10})$

Table 99 IT Video Format Short Name - Two-digit Hactive Codes