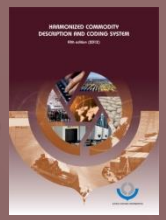
2015 WCO Knowledge Academy for Customs & Trade



Session VIII:

Classification of articles in the HIGH-TECH area

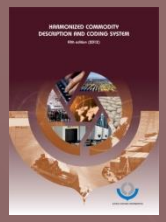
Tom Beris

WCO Tariff and Trade Affairs Directorate

WCO Headquarters, Brussels, Belgium, 24 June 2015

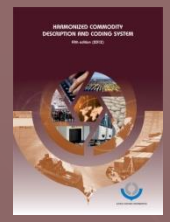
Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area



- Touch-sensitive screens and devices
- Monitors
- "Smart Watches"
- *Aerial "Drones"*

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.



Touch-sensitive screens and devices

Screens

Displays

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area

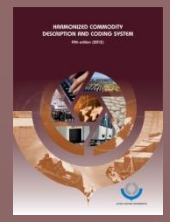
Touch-sensitive screens

A transparent touch screen laminated with protective glass. It can be used with a number of displaying apparatus such as ATMs, KIOSKs, POS terminals and monitors. As presented, the subject article does not have any clear reference of a specific use.

A touch screen, laminated with tempered cover glass. It is cut in the shape of the front face of a specific mobile phone with two holes, one for the main button and the other for a speaker. It is also equipped with a flexible printed circuit board (FPCB) with a mounted touch integrated circuit (IC). It is used for a specific mobile phone. It has no function of displaying.

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area



Touch-sensitive screens

Headings under consideration :

84.71 ***(input units of ADP machines)***

85.37 ***(panels for electric control)***

OR

As parts of machines (Note 2 (a), (b) or (c) to Section XVI) , e.g. :

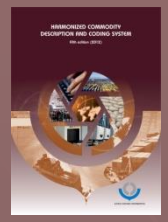
85.17 ***(parts of mobile phones)***

85.29 ***(parts of monitors, TV sets)***

85.48 ***(other electric parts)***

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area



Touch-sensitive screens

8537.10

GIRs 1 (Note 2 (a) to Section XVI) and 6

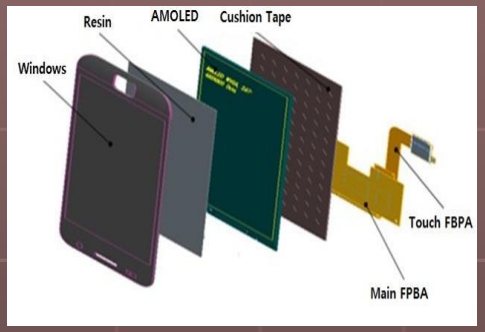
8517.70

GIRs 1 (Note 2 (b) to Section XVI) and 6

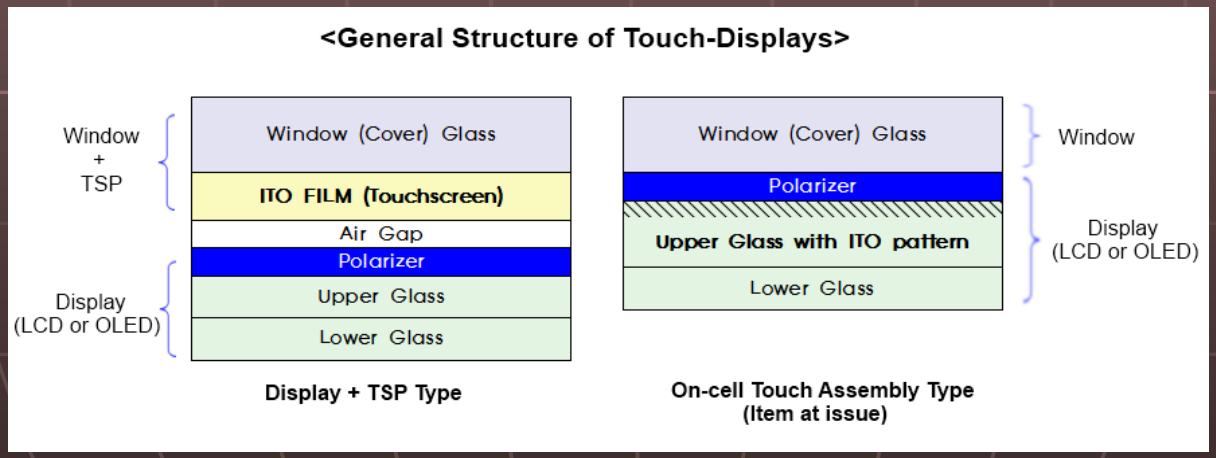
Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area

Touch-sensitive displays

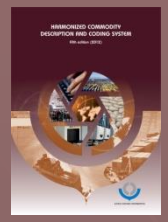


On-cell TSP AMOLED display



Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area



Touch-sensitive displays

Headings under consideration :

84.71 ***(input units of ADP machines)***

85.37 ***(panels for electric control)***

OR

As parts of machines (Note 2 (b) or (c) to Section XVI) , e.g. :

84.73 ***(parts of ADP machines)***

85.17 ***(parts of mobile phones)***

85.48 ***(other electric parts)***

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area

Touch-sensitive displays

8517.70

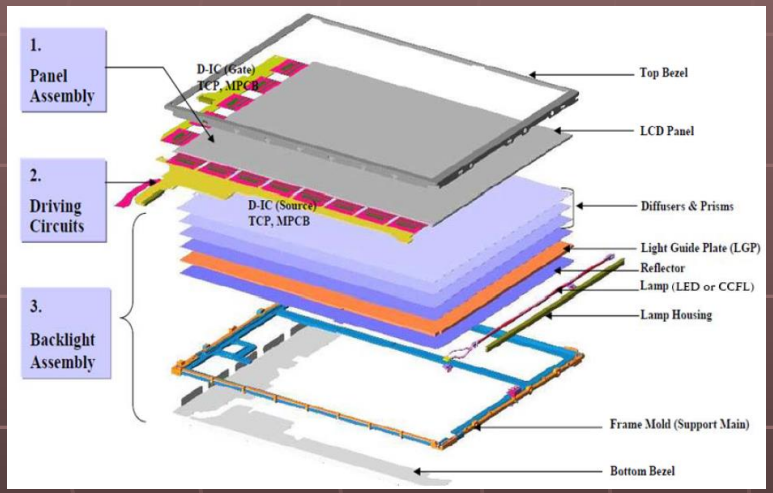
GIRs 1 (Note 2 (b) to Section XVI) and 6

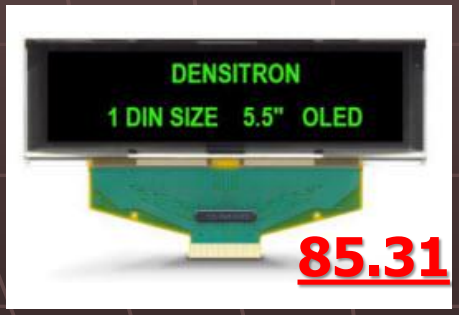
Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area

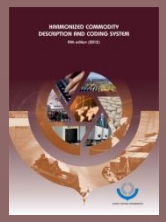
Possible amendments for 2022

Flat Panel Display Modules





Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.



Possible amendments for 2022

Flat Panel Display Modules – new proposal

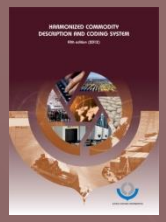
Possible new heading 85.24

85.24 Flat panel display devices and modules, other than those of heading 85.28 and 85.40, whether or not incorporating touch-sensitive screens

Option 1

[- *With a displaying diagonal not exceeding 20 cm :*
8524.11 - - Of liquid crystals
8524.12 - - Of organic [light-emitting diodes][electro-luminescense]
8524.19 - - Other
- *Other :*
8524.21 -- Of liquid crystals
8524.22 -- Of organic [light-emitting diodes][electro-luminescense]
8524.29 -- Other]
- *Parts*
8524.91 - - Backlight units for liquid crystal displays
8524.99 - - Other

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.



Possible amendments for 2022

Flat Panel Display Modules – new proposal

Possible new heading 85.24

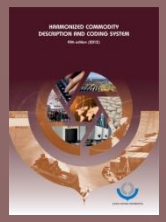
85.24 Flat panel display devices and modules, other than those of heading 85.28 and 85.40, whether or not incorporating touch-sensitive screens

Option 2

[- *Without drivers or control circuits :*
8524.11 - - Of liquid crystals
8524.12 - - Of organic [light-emitting diodes][electro-luminescense]
8524.19 - - Other
- *Other :*
8524.21 -- Of liquid crystals
8524.22 -- Of organic [light-emitting diodes][electro-luminescense]
8524.29 -- Other]
- *Parts*
8524.91 - - Backlight units for liquid crystal displays
8524.99 - - Other

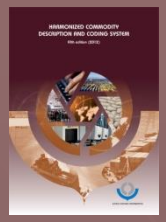
Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area



Questions ?

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.



Monitors

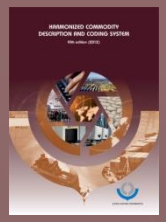
Background HS 2002

Monitors presented separately : 84.71, 85.28 or ???

- ***84.71 :***
  - ***Separately presented units of ADP machines***
  - ***Meeting all the conditions of Note 5 (B) to Ch. 84, i.e., :***
    - *(i) It is of a kind solely or principally used in an ADP system;*
    - *(ii) It is connectable to the central processing unit; and*
    - *(iii) It is able to accept or deliver data in a form (codes or signals) which can be used by the system.*
- ***85.28 : video monitors***
- ***Heading ??? : otherwise***

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area



Monitors

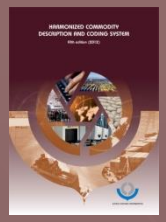
Since 1 January 2007

All monitors presented separately ⇨ 85.28

(Note 5 (D) (v) to Chapter 84 - 84.71 does not cover separately presented monitors and projectors, not incorporating television reception apparatus)

Identification problem solved ???

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.



Monitors

Structure of 85.28

- Cathode-ray tube monitors :

8528.41 - - Of a kind solely or principally used in an automatic data processing system of heading 84.71

8528.49 - - Other

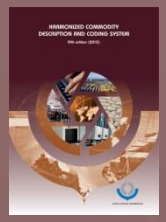
- Other monitors :

8528.51 - - Of a kind solely or principally used in an automatic data processing system of heading 84.71

8528.59 - - Other

…

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.



Monitors

Structure of 85.28

- Cathode-ray tube monitors :

8528.41 - - Of a kind solely or principally used in an automatic data processing system of heading 84.71

8528.49 - - Other

- Other monitors :

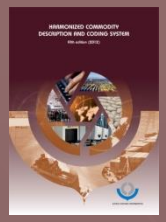
8528.51 - - Of a kind solely or principally used in an automatic data processing system of heading 84.71

8528.59 - - Other

…

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area



Monitors

Structure of 85.28

- Cathode-ray tube monitors :

8528.41 - - Of a kind solely or principally used in an automatic data processing system of heading 84.71

8528.49 - - Other

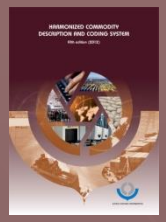
- Other monitors :

8528.51 - - Of a kind solely or principally used in an automatic data processing system of heading 84.71

8528.59 - - Other

…

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.



Monitors

Structure of 85.28

- Cathode-ray tube monitors :

8528.41 - - Of a kind solely or principally used in an automatic data processing system of heading 84.71

8528.49 - - Other

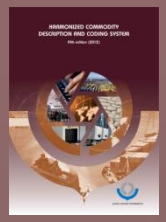
- Other monitors :

8528.51 - - Of a kind solely or principally used in an automatic data processing system of heading 84.71

8528.59 - - Other

…

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

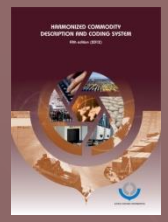


Monitors

EN to 85.28

- *Monitors capable of accepting a signal only from the central processing unit of an ADP machine*
- *Not able to reproduce a colour image from a composite video signal whose waveform conforms to a broadcast standard (NTSC, SECAM, PAL, D-MAC, etc.)*

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.



Monitors

EN to 85.28

- *Monitors capable of accepting a signal only from the central processing unit of an ADP machine*

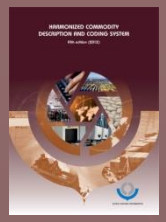
NOT BINDING

NOT WRITTEN AT THE SUBHEADING LEVEL

- *Not able to reproduce a colour image from a composite video signal whose waveform conforms to a broadcast standard (NTSC, SECAM, PAL, D-MAC, etc.)*

OBSOLETE

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.



Monitors

- No further explanation
- National administrations may apply additional criteria to determine the scope of the term ‘principally’

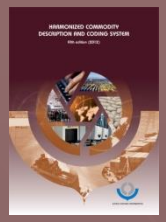
Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area

Monitors – HSC classification

Product 1 :

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.



Monitors – HSC classification

Product 1 :

Colour monitor comprising a 22 inch (55.88 cm) TFT LCD (thin film transistor liquid crystal display) panel combined in the same housing with control circuitry, DVI-D (digital visual interface - for digital signal only) and VGA (Video Graphics Array) input connectors and adjustment LED (light emitting diode) touch-sensor controls.

The monitor includes the following components and features :

- Colour saturation 72 % (NTSC);
- True resolution 1680 x 1050 pixels, pixel pitch 0.282 mm, display colour 16.7 million colours;
- Brightness (max) 250 cd/m2;
- Contrast ratio 50000:1;
- Viewing angle 170° (H) / 160° (V);
- Response time 2 ms (Gray-to-Gray);
- Video features : Trace Free Technology, Splendid Video Intelligence Technology, Splendid Video Preset Modes (5 modes), Skin-Tone Selection (3 modes), HDCP (High-bandwidth Digital Content Protection) support, Colour Temperature Selection (5 modes);
- Touch-sensor controls for Splendid Video Preset Mode selection, auto adjustment, brightness and contrast adjustment and input selection;
- Analogue and Digital Signal Frequencies : 30 - 83°KHz (H) / 50 - 75 Hz (V).

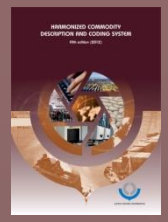
Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

Monitors – HSC classification

Product 1 :

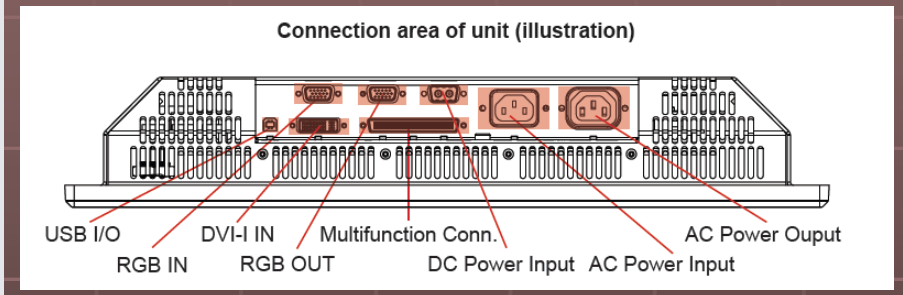
Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

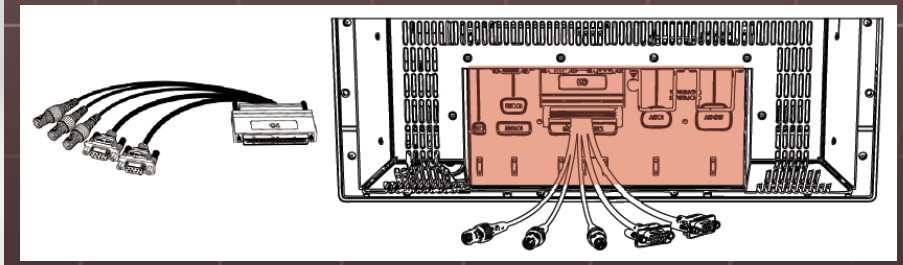
2015 WCO KACT
Classification of articles in the High-tech area



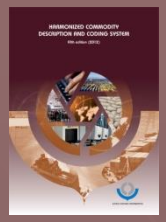
Monitors – HSC classification

Product 2 :





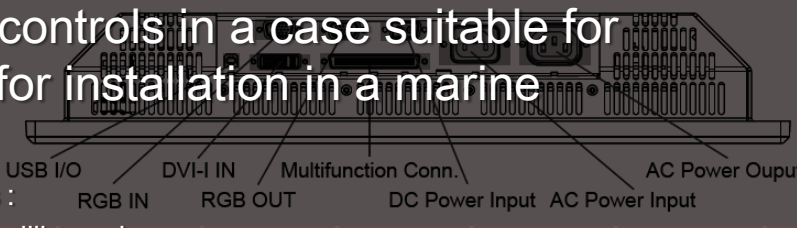
Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.



Monitors – HSC classification

Product 2 :

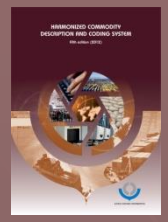
A **colour monitor** comprising a 23.1 inch (58.67 cm) TFT AMLCD (thin film transistor active-matrix liquid crystal display) panel combined with control circuitry, input receptacles and adjustment controls in a case suitable for mounting in place and certified as suitable for installation in a marine environment.



The apparatus includes the following components and features :

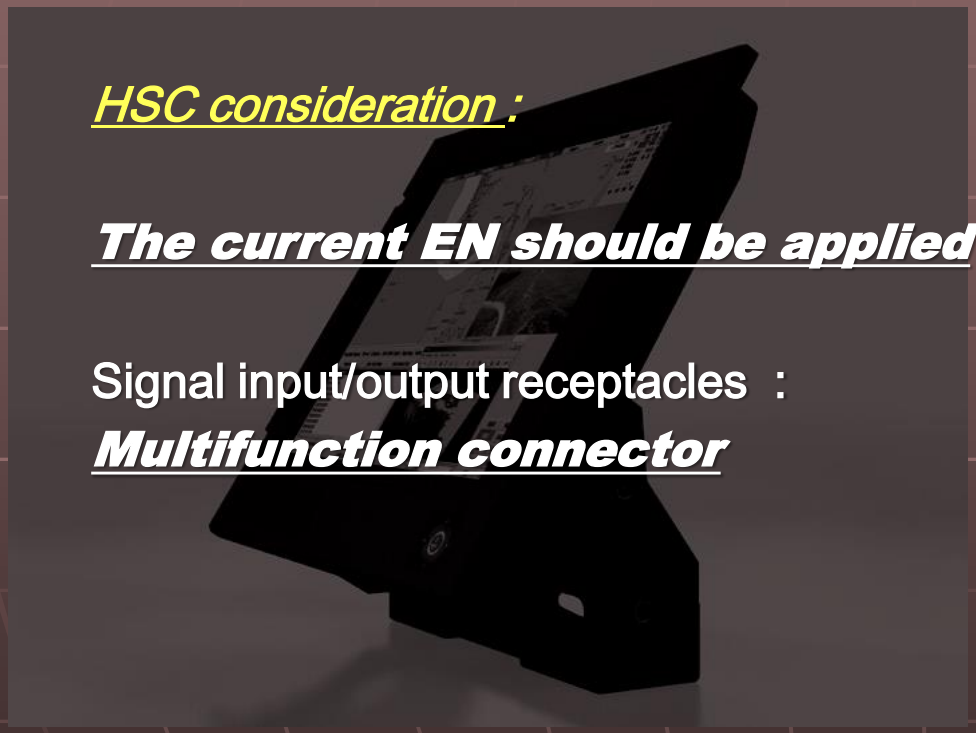
- 1600 x 1200 pixels, pixel pitch 0.294 x 0.294 mm, up to 16.7 million colours;
- Light intensity 400 cd/m2;
- Contrast ratio 600:1;
- Response time 12 ms (Black-White-Black) or 8 ms (Gray-to-Gray);
- Images supported : VGA, SVGA, XGA, SXGA, UXGA, WUXGA;
- Video standards supported : Interlaced NTSC and PAL/SECAM video, Composite video;
- Resistive touch-sensitive screen;
- **Signal input/output receptacles : DVI-I Signal IN, RGB Signal IN (HD D-SUB), RGB Signal OUT (HD D-SUB), Multifunction (D-SUB), USB I/O (Type B Conn.);**
- Controls on front bezel : Power, brightness, hotkeys (left/right – push buttons), Mode Status red/Orange/Green Illuminated LED-ring indicator.

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.



Monitors – HSC classification

Product 2 :

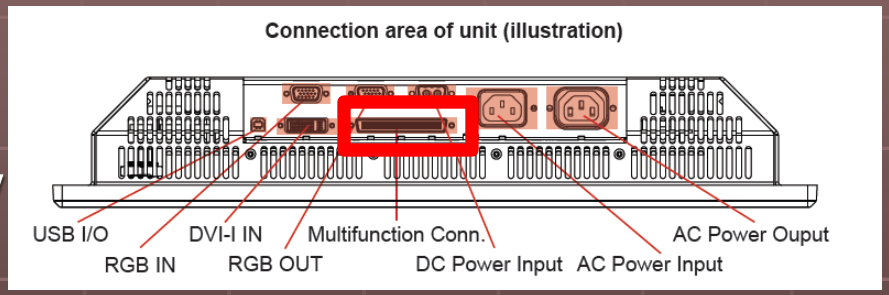


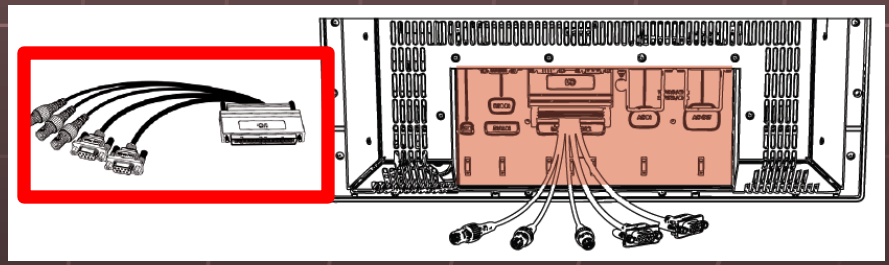
HSC consideration :

The current EN should be applied

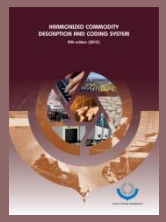
Signal input/output receptacles :

Multifunction connector



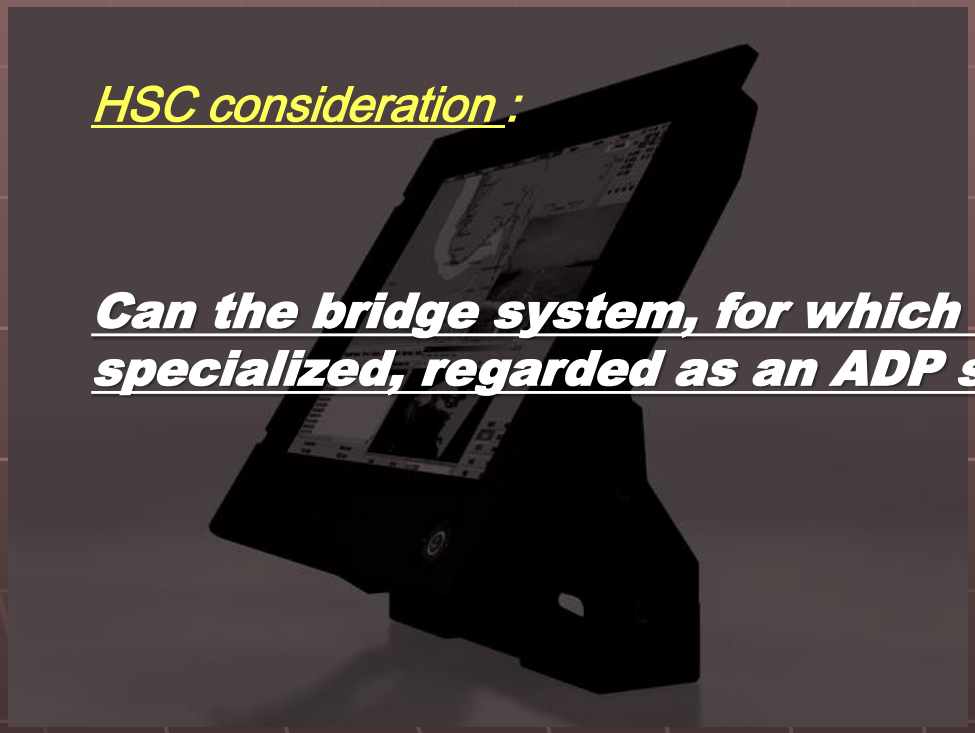


Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.



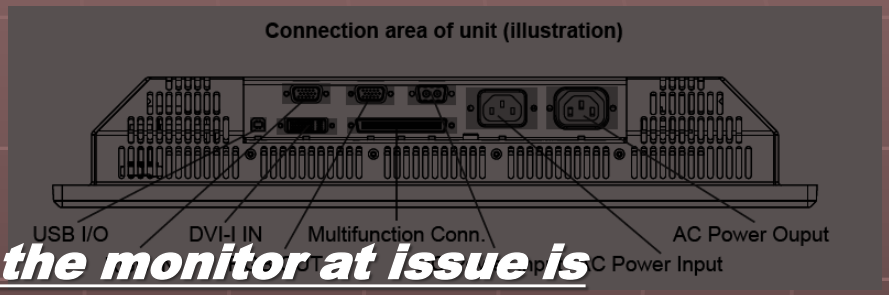
Monitors – HSC classification

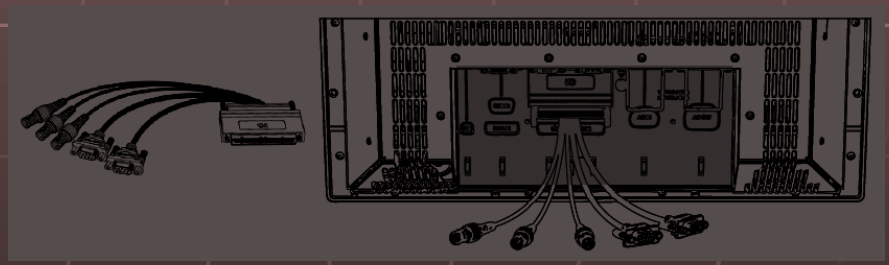
Product 2 :



HSC consideration :

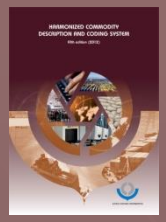
Can the bridge system, for which the monitor at issue is specialized, regarded as an ADP system of heading 84.71





Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area

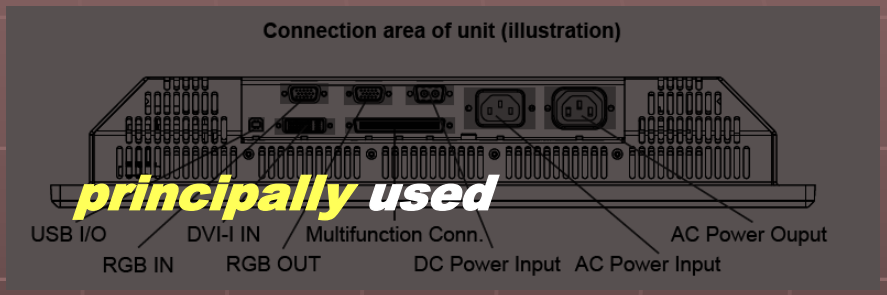


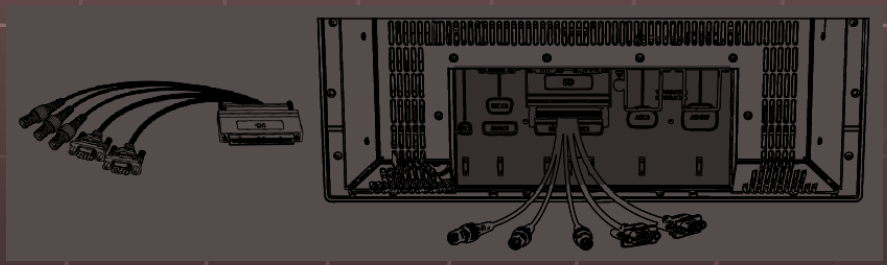
Monitors – HSC classification

Product 2 :

HSC consideration :

September 2010 ⇨ ***8528.51***





Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area

Monitors – HSC classification

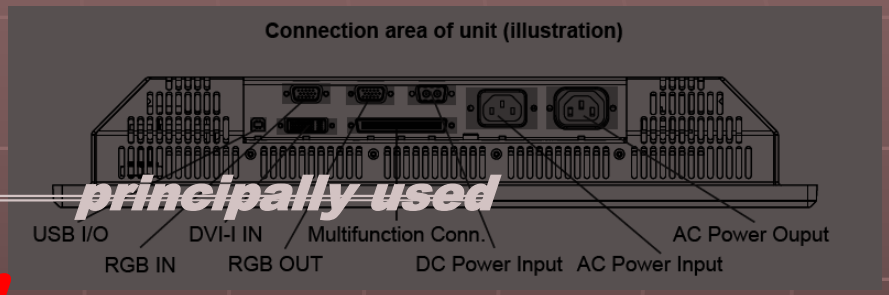
Product 2 :

HSC consideration :

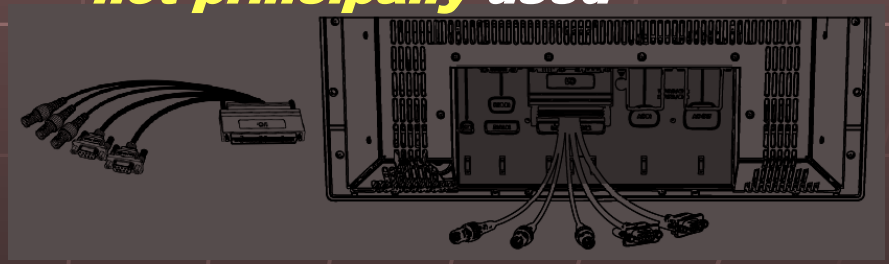
September 2010 ⇨ ~~***8528.51 principally used***~~

November 2010 ⇨ ***Reservation***

September 2011 ⇨ ***8528.59***



not principally used



Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

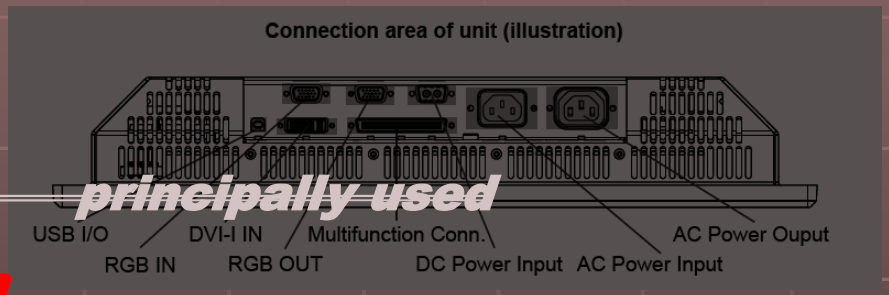
2015 WCO KACT
Classification of articles in the High-tech area

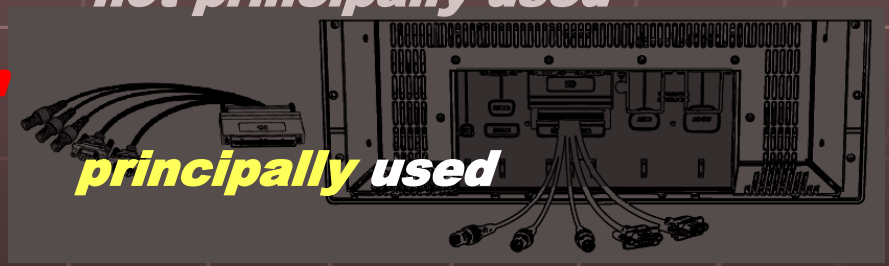
Monitors – HSC classification

Product 2 :

HSC consideration :

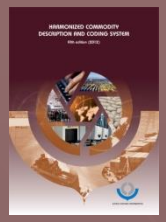
September 2010	⇨	~~*8528.51*~~	~~*principally used*~~
November 2010	⇨	***Reservation***	
September 2011	⇨	~~*8528.59*~~	~~*not principally used*~~
November 2011	⇨	***Reservation***	
September 2012	⇨	***8528.51***	***principally used***





Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area



Monitors – HSC classification

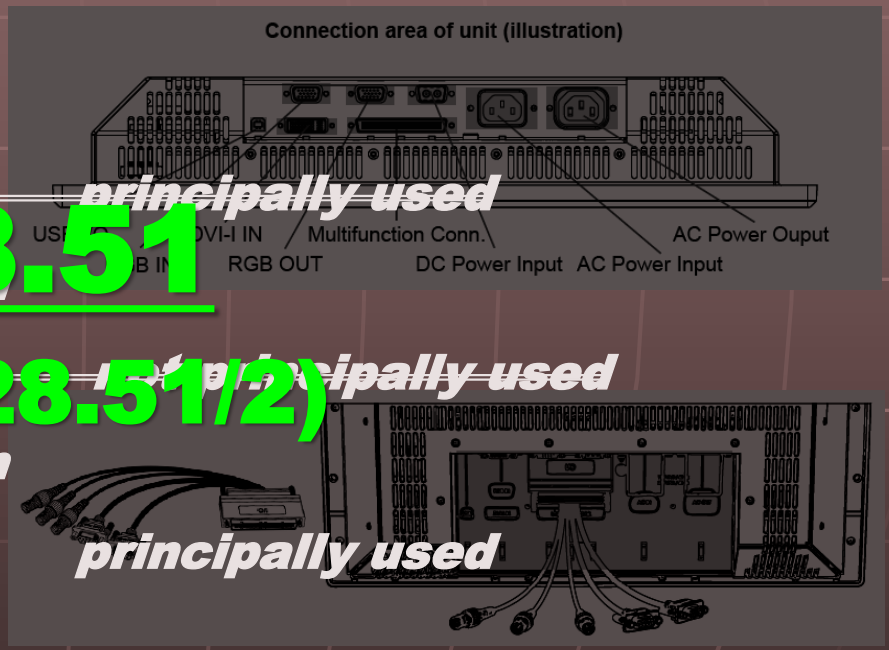
Product 2 :

HSC consideration :

September 2010	⇨	~~***8528.51***~~	~~***principally used***~~
November 2010	⇨	~~***Reservation***~~	
September 2011	⇨	~~***8528.51 principally used***~~	
November 2011	⇨	***Reservation***	
September 2012	⇨	***8528.51***	***principally used***

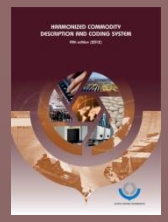
8528.51

(C.O. 8528.51/2)



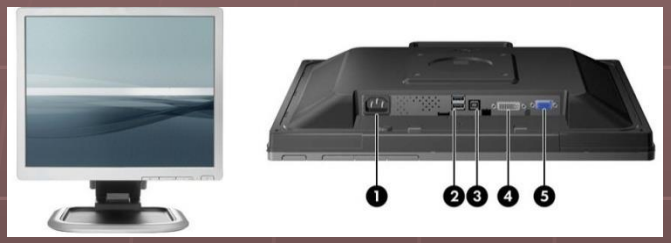
Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area

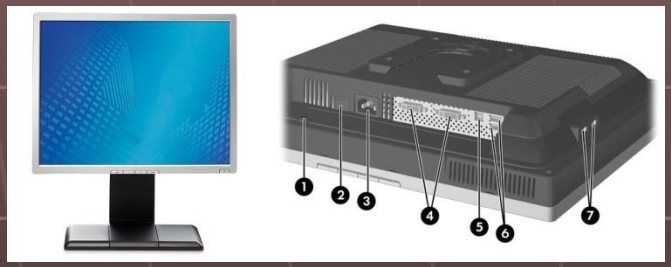


Monitors – HSC classification

Products 3, 4 and 5 :



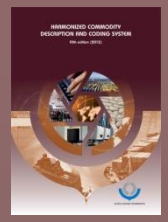
Colour monitor comprising a 19 inch (48.3 cm) TFT LCD (thin film transistor liquid crystal display) active matrix panel combined in the same housing with **control circuitry, two USB (Universal Serial Bus) downstream connectors, one USB upstream connector, one DVI-D (digital visual interface – for digital signal only) connector, one VGA (Video Graphics Array) connector** and front panel controls (Menu, Minus/Auto, Plus/Input, Power).



Colour monitor comprising a 20.1 inch (51 cm) TFT LCD (thin film transistor liquid crystal display) active matrix panel combined in the same housing with **control circuitry, one USB (Universal Serial Bus) upstream connector, four USB downstream connectors, two DVI-I (digital visual interface – integrated (digital and analog)) connectors** and front panel controls (Menu, Minus/Auto, Plus, Input Select, Power).

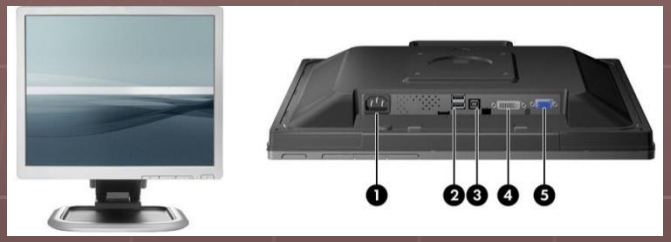
Colour monitor comprising a 23 inch (58.4 cm) TFT LCD (thin film transistor liquid crystal display) active matrix panel combined in the same housing with **integrated speakers, control circuitry, one VGA (Video Graphics Array) connector, one HDMI (High-Definition Multimedia Interface) connector, one Audio-In connector** and front panel controls (Menu, Minus/Volume, Plus/Source, Select/Auto).

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.



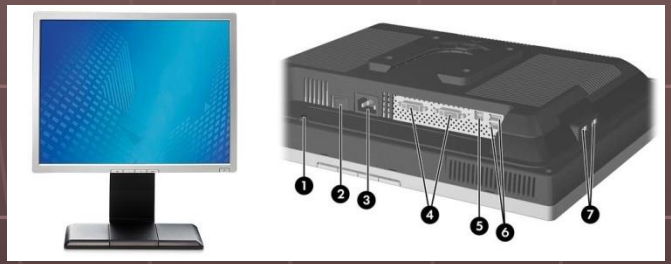
Monitors – HSC classification

Products 3, 4 and 5 :



Colour monitor comprising a 19 inch (48.3 cm) TFT LCD (thin film transistor liquid crystal display) active matrix panel combined in the same housing with control circuitry, one USB (Universal Serial Bus) downstream connectors, one USB upstream connector, one DVI-I (digital visual interface – integrated digital signal only) connector, one VGA (Video Graphics Array) connector and front panel controls (Menu, Minus/Auto, Plus/Input, Power).

8528.51 (c.o. 8528.51/3)



Colour monitor comprising a 20.1 inch (51 cm) TFT LCD (thin film transistor liquid crystal display) active matrix panel combined in the same housing with control circuitry, one USB (Universal Serial Bus) upstream connector, four USB downstream connectors, two DVI-I (digital visual interface – integrated (digital and analog)) connectors and front panel controls (Menu, Minus/Auto, Plus, Input Select, Power).

8528.51 (c.o. 8528.51/4)

Colour monitor comprising a 23 inch (58.4 cm) TFT LCD (thin film transistor liquid crystal display) active matrix panel combined in the same housing with **integrated speakers, control circuitry, one VGA (Video Graphics Array) connector, one HDMI (High-Definition Multimedia Interface) connector, one Audio-In connector** and front panel controls (Menu, Minus/Volume, Plus/Source, Select/Auto).

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area

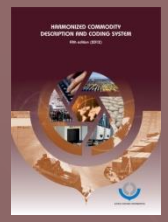
Monitors – HSC classification

Product 5 :

8528.59

Colour monitor comprising a 23 inch (58.4 cm) TFT LCD (thin film transistor liquid crystal display) active matrix panel combined in the same housing with **integrated speakers, control circuitry, one VGA (Video Graphics Array) connector, one HDMI (High-Definition Multimedia Interface) connector, one Audio-In connector** and front panel controls (Menu, Minus/Volume, Plus/Source, Select/Auto).

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.



Monitors – HSC classification

Product 5 :

8528.59

Reservation

Colour monitor comprising a 23 inch (58.4 cm) TFT LCD (thin film transistor liquid crystal display) active matrix panel combined in the same housing with **integrated speakers, control circuitry, one VGA (Video Graphics Array) connector, one HDMI (High-Definition Multimedia Interface) connector, one Audio-In connector** and front panel controls (Menu, Minus/Volume, Plus/Source, Select/Auto).

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area

Monitors – HSC classification

Product 5 :

8528.51

Colour monitor comprising a 23 inch (58.4 cm) TFT LCD (thin film transistor liquid crystal display) active matrix panel combined in the same housing with **integrated speakers, control circuitry, one VGA (Video Graphics Array) connector, one HDMI (High-Definition Multimedia Interface) connector, one Audio-In connector** and front panel controls (Menu, Minus/Volume, Plus/Source, Select/Auto).

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

Monitors – HSC classification

Product 5 :

8528.51

Reservation

Colour monitor comprising a 23 inch (58.4 cm) TFT LCD (thin film transistor liquid crystal display) active matrix panel combined in the same housing with **integrated speakers, control circuitry, one VGA (Video Graphics Array) connector, one HDMI (High-Definition Multimedia Interface) connector, one Audio-In connector** and front panel controls (Menu, Minus/Volume, Plus/Source, Select/Auto).

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area

Monitors – HSC classification

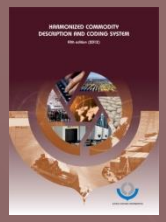
Product 5 :

8528.51 8528.51

Confirmed

Colour monitor comprising a 23 inch (58.4 cm) TFT LCD (thin film transistor liquid crystal display) active matrix panel combined in the same housing with **integrated speakers, control circuitry, one VGA (Video Graphics Array) connector, one HDMI (High-Definition Multimedia Interface) connector, one Audio-In connector** and front panel controls (Menu, Minus/Volume, Plus/Source, Select/Auto).

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

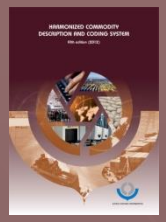


Monitors

Next steps :

- *Possible amendment to the EN to 85.28;*
- *Possible amendment to heading 85.28*

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

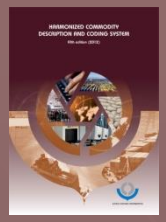


Monitors

Proposals to amend heading 85.28 :

- *Delete subheadings for ADP monitors (projectors) – 8528.41, 8528.51 and 8528.61;*

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.



Monitors

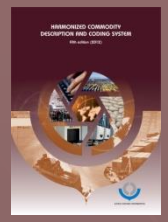
Proposals to amend heading 85.28 :

- *Delete subheadings for ADP monitors (projectors) – 8528.41, 8528.51 and 8528.61;*

NO

- *Delete the term "principally" from subheadings 8528.41, 8528.51 and 8528.61*

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

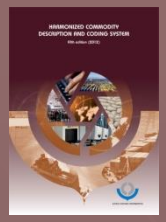


Monitors

Proposals to amend heading 85.28 :

- *Delete subheadings for ADP monitors (projectors) – 8528.41, 8528.51 and 8528.61;* **NO**
- *Delete the term "principally" from subheadings 8528.41, 8528.51 and 8528.61* **NO**

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.



Monitors

Proposals to amend heading 85.28 :

- *New text for the HS 2017 :*

"Capable of directly connecting to and designed for use with an automatic data processing machine of heading 84.71"

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

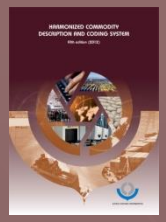
2015 WCO KACT
Classification of articles in the High-tech area

Multimedia Monitors (HD ready)

??? Classification problem ???

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area



Questions ?

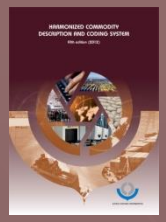
Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area
"Smartwatches"

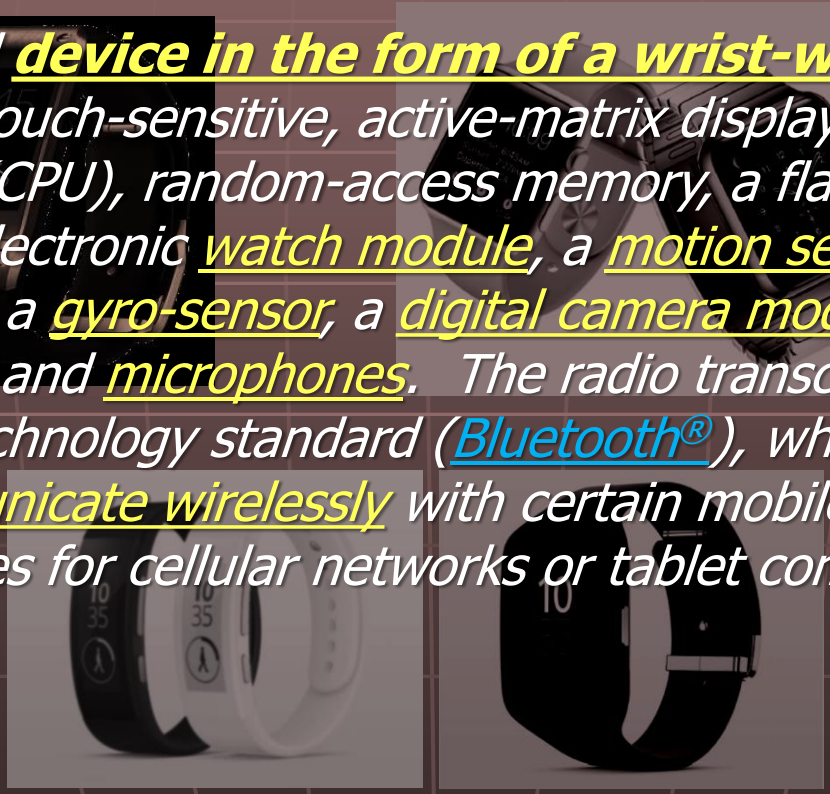
HSC discussed classification of four products :

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area
"Smartwatches"



*Battery-operated **device in the form of a wrist-watch**, incorporating a touch-sensitive, active-matrix display, a central processing unit (CPU), random-access memory, a flash memory, a radio transceiver, an electronic watch module, a motion sensor (accelerometer), a gyro-sensor, a digital camera module with auto focus, a speaker and microphones. The radio transceiver utilizes an open wireless technology standard (Bluetooth®), which enables the device to communicate wirelessly with certain mobile devices, such as mobile telephones for cellular networks or tablet computers.*

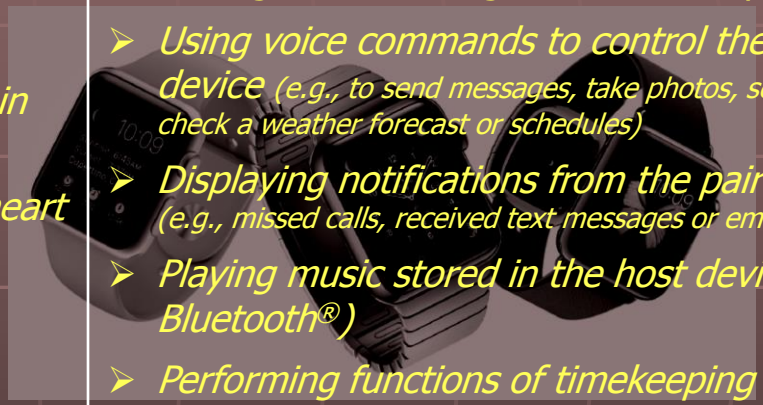


Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area
"Smartwatches"

Performed functions :

independently	**"paired"**
➢ *Recording and reproducing sound* ➢ *Taking and recording photos and videos* ➢ *Displaying time and information embedded in the watch module* ➢ *Measuring and displaying step counts and heart rates*	➢ *Making and receiving calls over the paired device* ➢ *Using voice commands to control the paired device (e.g., to send messages, take photos, set an alarm and check a weather forecast or schedules)* ➢ *Displaying notifications from the paired device (e.g., missed calls, received text messages or emails, etc.)* ➢ *Playing music stored in the host device (via Bluetooth®)* ➢ *Performing functions of timekeeping instrument (watch, stop-watch, alarm and timer)* ➢ *Measuring and displaying health and exercise data (e.g., step counts, heart rates and calorie consumption)* ➢ *Downloading (over the paired device) and running applications suitable to be used on the device.*



Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area
"Smartwatches"

Possible headings :

85.17 Apparatus for the transmission or reception of voice, images or other data, or for communication in a wired or wireless network

85.19 Sound recording or reproducing apparatus

85.21 Video recording or reproducing apparatus

85.25 Television cameras, digital cameras and video camera recorders

85.26 … radio remote control apparatus

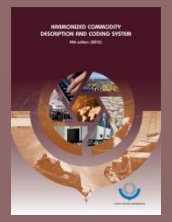
90.29 … pedometers and the like …

91.02 Wrist-watches …

… Etc. ???

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area
"Smartwatches"



Possible headings :

85.17 Apparatus for the transmission or reception of voice, images or other data, or for communication in a wired or wireless network

85.18 Microphones and stands therefor; loudspeakers

85.21 Video recording or reproducing apparatus

85.25 Television cameras, digital cameras and video camera recorders

85.26 ... radio remote control apparatus

90.29 ... pedometers and the like ...

91.02 Wrist-watches ...

Multifunction machines

(Note 3 to Section XVI

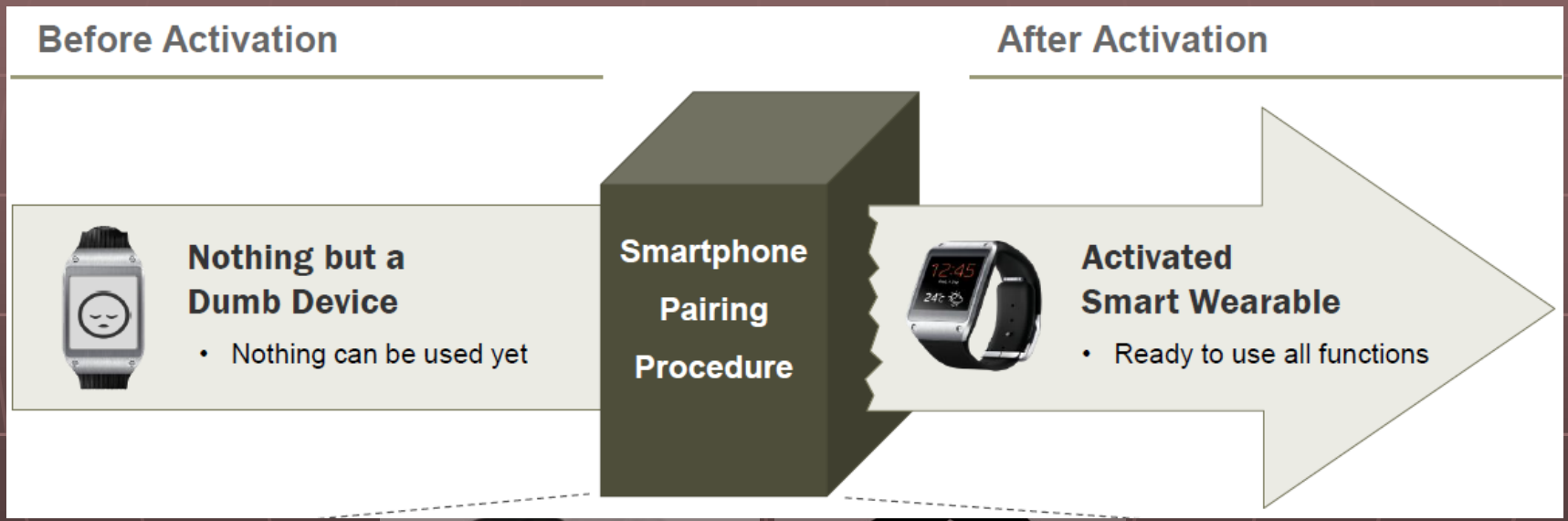
X

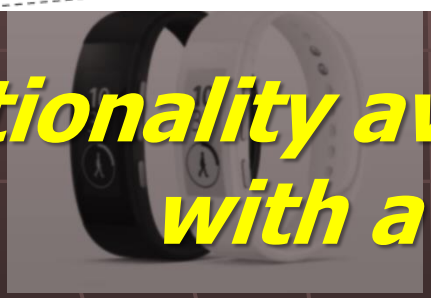
GIR 3)

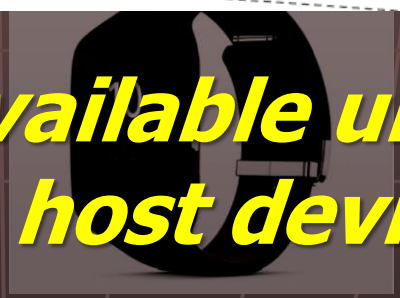
Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area
"Smartwatches"

Presentation by manufacturers :







No functionality available until paired with a host device

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

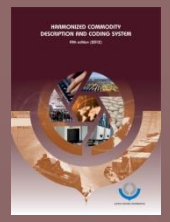
2015 WCO KACT
Classification of articles in the High-tech area
"Smartwatches"

Views on the classification :

in heading 85.17	in heading 85.26	in heading 91.02
- Must be paired to perform any function - Wireless communication imparted the essential character	- Must be paired to perform any function - Function as remote controls to the host device	- Many electric devices some type of "set-up" process in order to function - Necessary to examine all capabilities of these devices - Their functions do not change the fact they are used as watches - Watches are excluded by Note 1 (n) to Section XVI
According to GIR 3 (b)	***(Probably : GIR 1)***	**According to GIR 3 (b)**

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area
"Smartwatches"



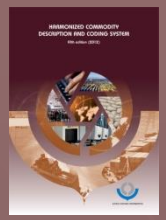
HSC decision :

8517.62

GIRs 1, 3 (b) and 6

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area



Questions ?

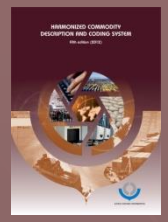
Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area

"Aerial Drones"

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area



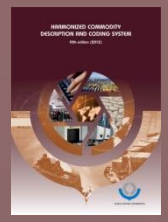
"Drones"

(unmanned aerial vehicles (UAVs))

Remote-controlled four-rotor helicopter, also called "quadcopter", with an **integrated digital camera**, 5.8 GHz **remote controller**, 2.4 GHz **Wi-Fi range extender** and **"smartphone" mount**. The helicopter is controlled via levers on the supplied remote control. The remote control comes equipped with a mount for a "smartphone" so the operator can use the phone screen to view "streaming" video images via Wi-Fi signal. The operator can take both videos (1080p HD) and still images (14 MP). The operator uses a separate program ("app") from the manufacturer to control the camera via the smartphone. The range of the supplied Wi-Fi range extender is approximately 300 meters and flying time is approximately 25 minutes before the battery must be recharged.

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area



"Drones"

(unmanned aerial vehicles (UAVs))

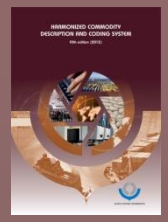
85.25 **-** ***… television cameras, digital cameras and video camera recorders.***

88.02 **-** ***Other aircraft (for example, helicopters, aeroplanes); …***

95.03 **-** ***… other toys; reduced-size ("scale") models and similar recreational models, working or not …***

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area



"Drones"

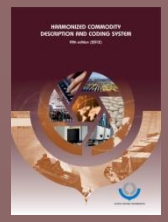
(unmanned aerial vehicles (UAVs))

Views on the classification :

in heading 85.25	in heading 88.02
- **Because of its technical characteristics, it was not a toy (95.03) nor an aircraft (88.02)** - **Essential character of the product was given by the camera**	- **Even though it may be amusing, it has a utilitarian function and therefore could not be considered a toy** - **It is a flying device that cannot be classified in Section XVI (see Note 1 (l) to Section XVI)**

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area



"Drones"

(unmanned aerial vehicles (UAVs))

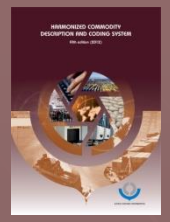
HSC decision :

8525.80

GIRs 1, 3 (b) and 6

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area



"Drones"

(unmanned aerial vehicles (UAVs))

Possible next steps :

- ***Classification of certain other types of drones***

  (e.g., used for military or commercial aerial surveillance, scientific research, cargo transport, crop spraying, or used as toys)

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.

2015 WCO KACT
Classification of articles in the High-tech area

"Drones"

(unmanned aerial vehicles (UAVs))

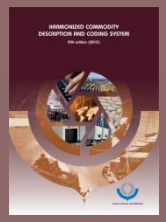
Possible next steps :

- ***Classification of certain other types of drones***

  (e.g., used for military or commercial aerial surveillance, scientific research, cargo transport, crop spraying, or used as toys)

- ***Amendments to the Nomenclature (HS 2022 ?)***

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.



Thank you for your attention

Questions ?

Copyright© 2015 World Customs Organization. All rights reserved. Requests and inquiries concerning translation, reproduction and adaptation rights should be addressed to copyright@wcoomd.org.