

**Dagangan** : VIDEO CAMERA RECORDERS

Nama Perdagangan : Electro Optic Device (EOD)

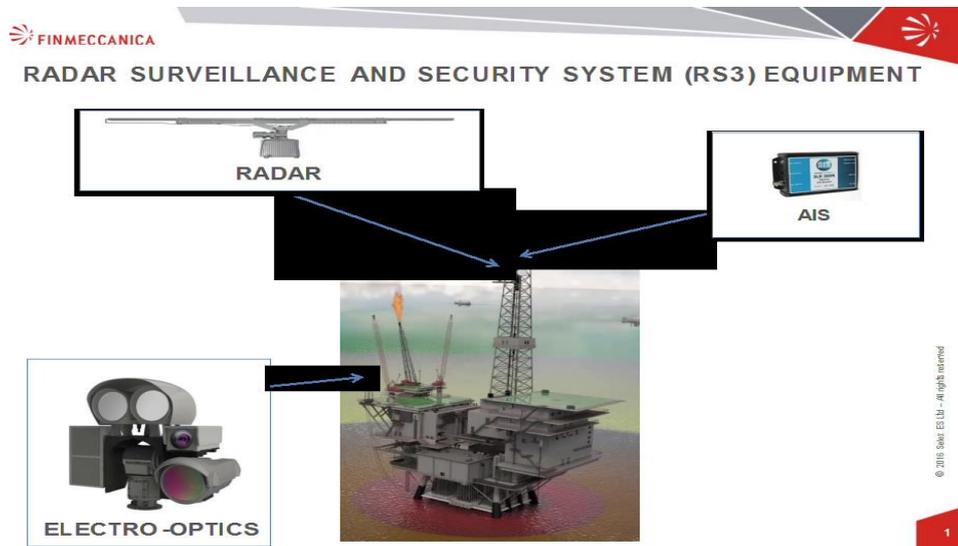
**Kod Tarif (Perintah Duti Kastam 2012)** :

8525.80 900

**Tarikh Kelulusan** : 21 Februari 2017

**Keterangan barangan :**

Barangan adalah *Elektro Optic Device (EOD)* yang di pasang pada *Radar Surveillance and Security System Project*. Berikut adalah kedudukan barangan dalam satu sistem radar yang lengkap.



Barangan terdiri daripada beberapa komponen yang mempunyai fungsi masing-masing seperti berikut:

Bil	Komponen	Fungsi
1.	<b>ZETA Director</b>	The ZETA Director is dual axis, heavy duty, high powered servo-positioning platform. It has been specifically developed for accurate control and positioning of radar, communications and optical sensor payloads in applications demanding a high level of positioning accuracy.
2.	<b>Horizon thermal imager cam</b>	The system is able to detect vehicles at up to 5km and personnel at ranges of up to 30 km. One camera can therefore monitor hundreds of square kilometer of terrain. The crisp imagery allows rapid identification and detailed investigation of suspicious movements and activity.
3.	<b>Piranha Long Range TV</b>	The Piranha LRTV is potent, long range daylight vision device. It utilizes a 12mm to 660mm zoom lens which incorporates 2.54x tele converter providing an overall 1680mm effective focal length with auto focus.

4.	<b>Color Light CL10 spotlights</b>	The spotlights selected for the system are the Color Light CL10, with one light set to narrow field of view and the other light being set to wide field of view
5.	<b>Drumgrange Remote Acoustic Hailing Device (RAHD)</b>	The RAHD device will be used to broadcast the alert/emergency speech on to inform the intended vessel to move away from the 500m radius platform exclusive zone
6.	<b>Vision4ce GRIP DELTA Computer and Video Capture System</b>	Providing the command and control interface of the EO director and payloads, performing video tracking and H264 compression on the video output.

Berdasarkan maklumat daripada pemohon, *the Electro Optic Sub system will provide the remote operator with the ability to detect, recognise and identify targets of interest in both thermal and day imagery, by directing the sightline of an Electro Optic Director to pick up targets of interest identified by the radar sub system through the command and control software.*

Barangan berfungsi sebagai *video camera recorders yang memenuhi keperluan marin yang dapat mengesan dan merakam segala aktiviti pencerobohan yang mengancam keselamatan di kawasan offshore.*

Kedudukan pemasangan barangan di kawasan *outdoor.*

Gambar barangan seperti di bawah :



**Ketetapan:**

Ketua Pengarah Kastam Malaysia memutuskan barangan ini sesuai diperjeniskan di bawah kod tarif **8525.80 900** sebagai **Other video camera recorders** berdasarkan alasan-alasan berikut:

- Berdasarkan peruntukan di bawah Rule 3(b) di dalam EN HS 2012 menyatakan ;

*RULE3(b)*

*(VI) This second method relates only to :*

- 1. Mixtures.*
- 2. Composite goods consisting of different materials.*
- 3. Composite good consisting of different components.*
- 4. Goods put up in sets for retail sales.*

*(VII) In all these cases the goods are to be classified as if they consisted of the material or component **which gives them their essential character**, in so far as this criterion is applicable.*

.....

.....

*(X) For the purposes of this Rule, the term "goods put up in sets for retail sale" shall be taken to mean goods which:*

- (a) consist of at least two different articles which are, prima facie, classifiable in different headings. Therefore, for example, six fondue forks cannot be regarded as a set within the meaning of this Rule;*
- (b) consist of products or articles put up together to meet a particular need or carry out a specific activity; and .*
- (c) are put up in a manner suitable for sale directly to users without repacking (e.g., in boxes or cases or on boards).*

- Walaupun barangan terdiri daripada pelbagai komponen-komponen yang mempunyai pelbagai kod tarif di bawah HS Classification, namun, fungsi utama **essential character** kepada barangan ialah sebagai *video camera recorders* .
- Kegunaan dan fungsi utama barangan **essential character** sebagai *video camera recorders* yang memenuhi keperluan marin yang dapat mengesan dan merakam segala aktiviti pencerobohan yang mengancam keselamatan.\
- Gabungan pelbagai komponen seperti di para 5.1.2 di dalam barangan ini membolehkan ia berfungsi sebagai satu sistem yang lengkap *untuk Radar Surveillance and Security System Project*. Gabungan seperti ini menepati *Note 3 Section XVI HS 2012 Explanatory Note* mukasurat XVI-1 yang menjelaskan seperti berikut :

**SECTION XVI**

**MACHINERY AND MECHANICAL APPLIANCES; ELECTRICAL EQUIPMENT; PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND ACCESSORIES OF SUCH ARTICLES**

3. Unless the context otherwise requires, composite machines consisting of two or more machines fitted together to form a whole and other machines designed for the purpose of performing two or more complementary or alternative functions are to be classified as if consisting only of that component or as being that machine which performs the principal function.

Berdasarkan penerangan Note 3 Section XVI tersebut, *principal function* kepada barangan ialah sebagai *video camera recorders* dan ianya diliputi di bawah EN 2012 muka surat 8525-2

**85.25 - Transmission apparatus for radio-broadcasting or television, whether or not incorporating reception apparatus or sound recording or reproducing apparatus; television cameras, digital cameras and video camera recorders.**

8525.50 - Transmission apparatus

8525.60 -Transmission apparatus incorporating reception apparatus

**8525.80 -Television cameras, digital cameras and video camera recorders**

**B) TELEVISION CAMERAS, DIGITAL CAMERAS AND VIDEO CAMERA RECORDERS**

This group covers cameras that capture images and convert them into an electronic signal that is :

(1) transmitted as a video image to a location outside the camera for viewing or remote recording (i.e., television cameras); or

**(2) recorded in the camera as a still image or as a motion picture (i.e., digital cameras and video camera recorders).**

Many of the cameras of this heading may physically resemble the photographic cameras of heading 90.06 or the cinematographic cameras of heading 90.07. The cameras in heading 85.25 and the cameras in Chapter 90 typically include optical lenses to focus the image on a light-sensitive medium and adjustments to vary the amount of light entering the camera. However, photographic and cinematographic cameras of Chapter 90 expose images onto photographic film of Chapter 37, while the cameras of this heading convert the images into analogue or digital data.

The cameras of this heading capture an image focusing the image onto a light-sensitive device, such as complementary metal oxide semiconductor (CMOS) or charge-coupled device (CCD). The light-sensitive device sends an electrical representation of the images to be further processed into an analogue or digital record of the images.

Television cameras may or may not have an incorporated device for remote control of lens and diaphragm as well as for remote control of the horizontal and vertical movement of the camera (e.g., television cameras for television studios or for reporting, those used for industrial or scientific purposes, in closed circuit television (surveillance) or for supervising traffic). These cameras do not have any inbuilt capability of recording images.

Some of these cameras may also be used with automatic data processing machines (e.g., webcams).

"Travelling", mobile mechanical equipment for television cameras, whether or not presented separately, is excluded from this heading (heading 84.28).

Also excluded from this heading is electrical equipment for long-distance control and focusing of television cameras, when presented separately (heading 8537).

**In digital cameras and video camera recorders**, images are recorded onto an internal storage device or onto media (e.g., magnetic tape, optical media, semiconductor media or other media of heading 85.23). They may include an analogue/digital converter (ADC) and an output terminal which provides the means to send images to units of automatic data processing machines, printers, televisions or other viewing machines. Some digital cameras and video camera recorders include input terminals so that they can internally record analogue or digital image files from such external machines.

Generally, the cameras of this group are equipped with an optical viewfinder or a liquid crystal display (LCD), or both. Many cameras equipped with an LCD can employ the display both as a viewfinder when capturing images and as a screen for displaying images received from other sources or for reproducing images already recorded.

Berdasarkan struktur tarif dalam Perintah Duti Kastam 2012, barangan sesuai diperjeniskan di bawah kod tariff **8525.80 900** sebagaimana berikut :

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