

# UV COATED CCD

CCD:

3648-Pixel ccd

2048-Pixel ccd



Web: [www.uv-coating-ccd.com](http://www.uv-coating-ccd.com)

6-2-2001, Yifengjiayuan, Guangzhou Road, Tanggu District, Tianjin, China

Tel: 0086-22-66185520      Email: [emily@uv-coating-ccd.com](mailto:emily@uv-coating-ccd.com)



# CATALOGUE

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**1.Product Name and Introduction:****1.1. Product Name and Type: CCD :**

Sony ilx511 Sony ilx554B Sony ilx526A Toshiba TCD1304DG

**1.2 Price list:** Please see Attached Table 1,2,3**1.3 Pictures**

**UV COATED CCD**

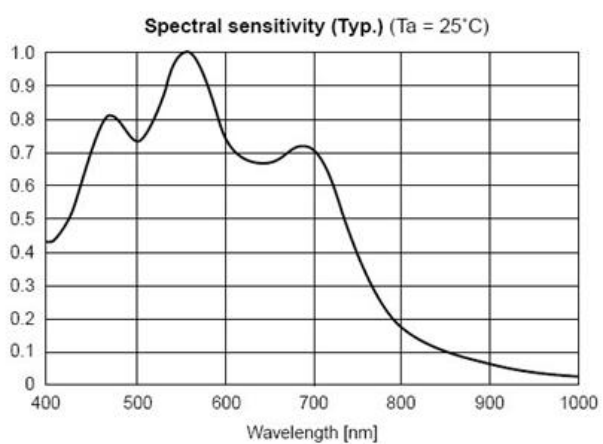
## **2. Performance**

For traditional CCD, the quantum efficiency is low below 400nm. While by using UV-enhanced technology, which can improve the response in ultraviolet band. However, the spectrum signal will become weak, and resolution response will be reduced. But by using UV-enhanced technology, through vacuum coating method, done the coating directly on the surface of CCD itself, which can improve the CCD's response on UV 200nm. So then on the 167nm, 185nm, 190nm, 200nm and 253.6nm, the relative strength can be improved 10-30 times or higher. Also the response signal on the ultraviolet band is also significantly enhanced. So that the operating frequency can be achieved from 150nm to 400nm. Our method has been compared with many foreign manufacturers, technical indicators are full achieved. More important is that our UV coating's cost is not high, can help to achieve mass production in many industries.

**Types:** Sony ilx511   Sony ilx554B   Toshiba 1304DG and so on CCD/CMOS

### 3. UV CCD Comparing Spectral Response Curve Before And After:

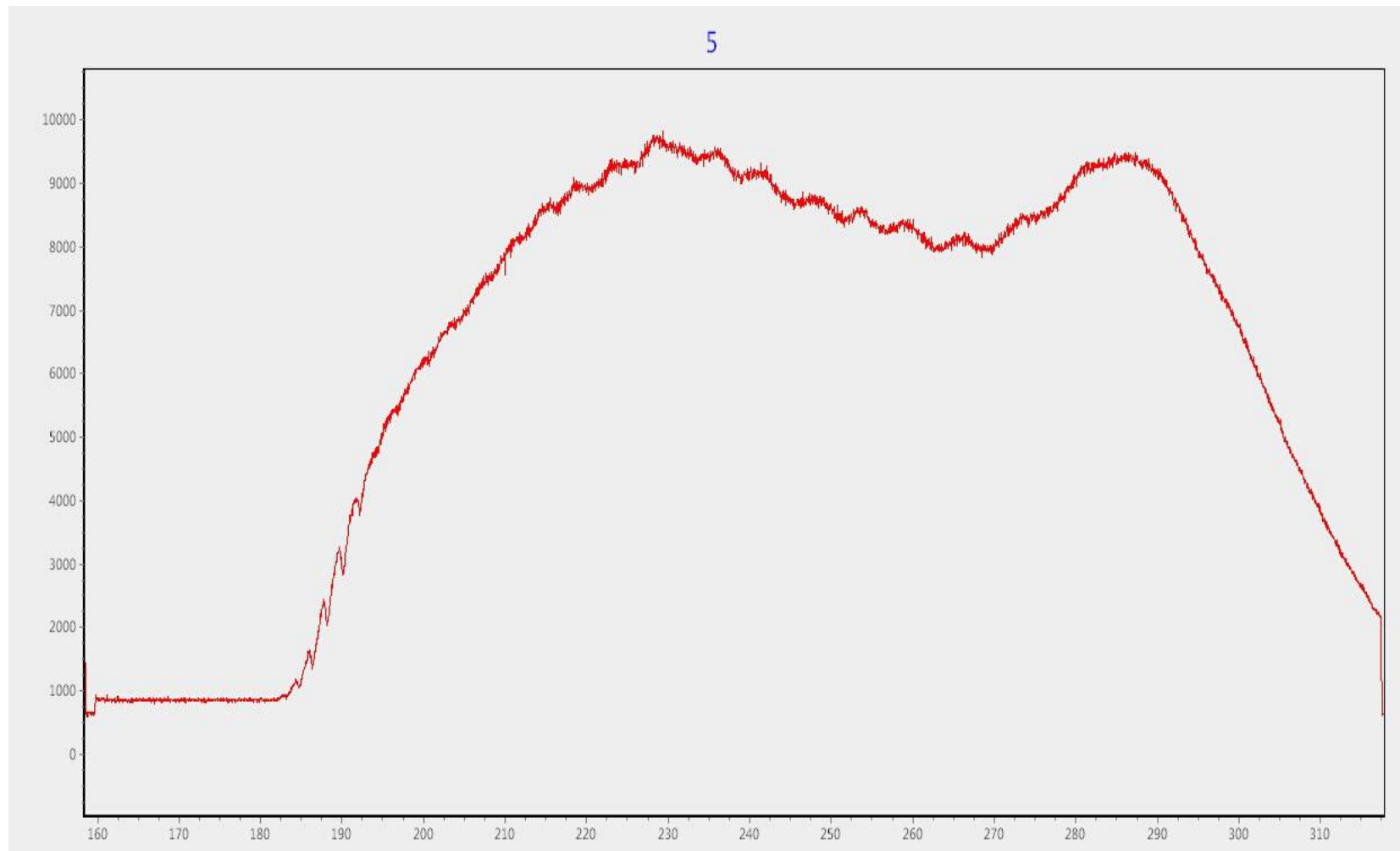
#### 3.1 Before UV COATED:



#### 3.2 After UV COATED



185-320nm Deuterium lamp spectrum

**4.CURVE 1**

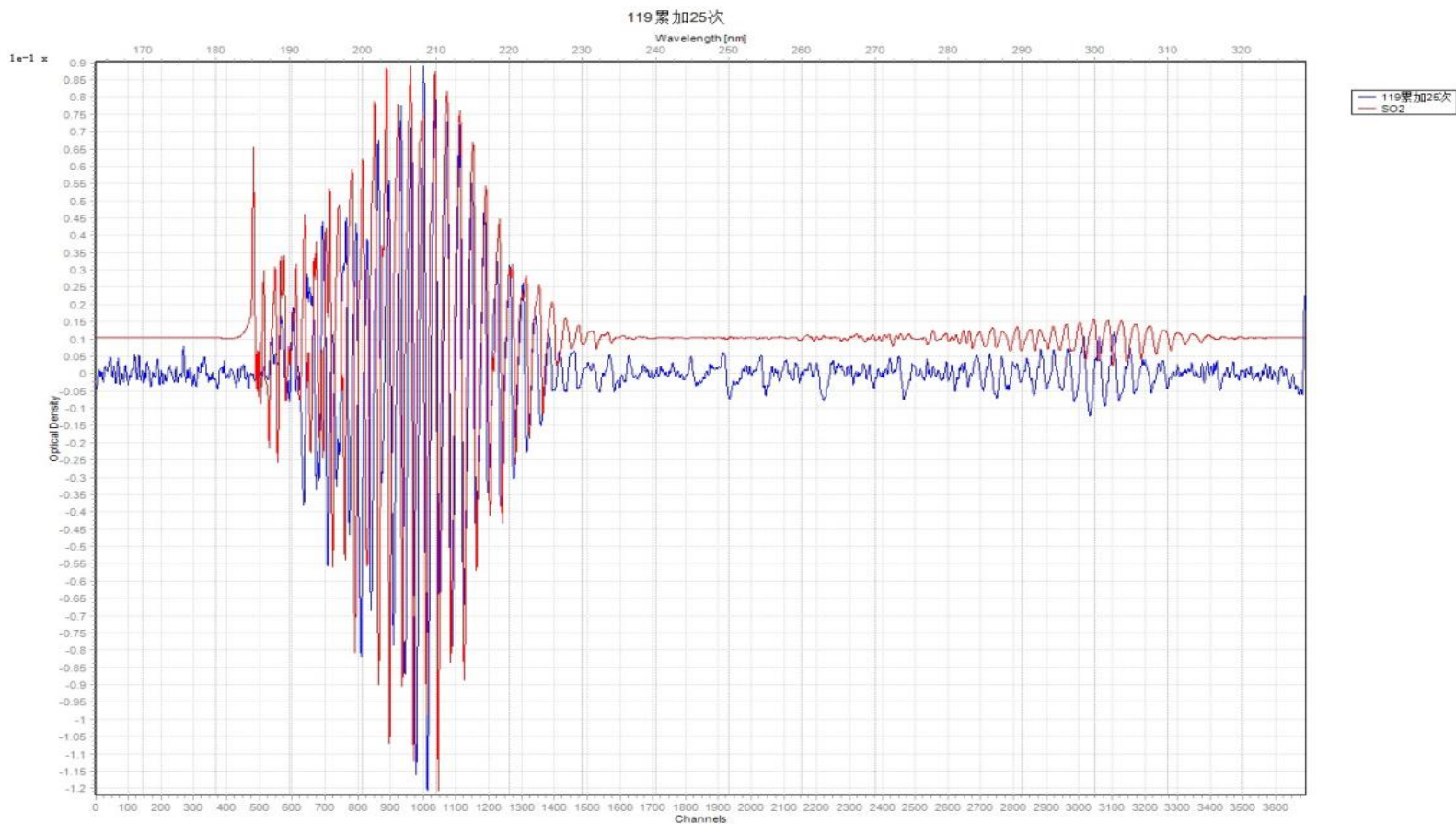
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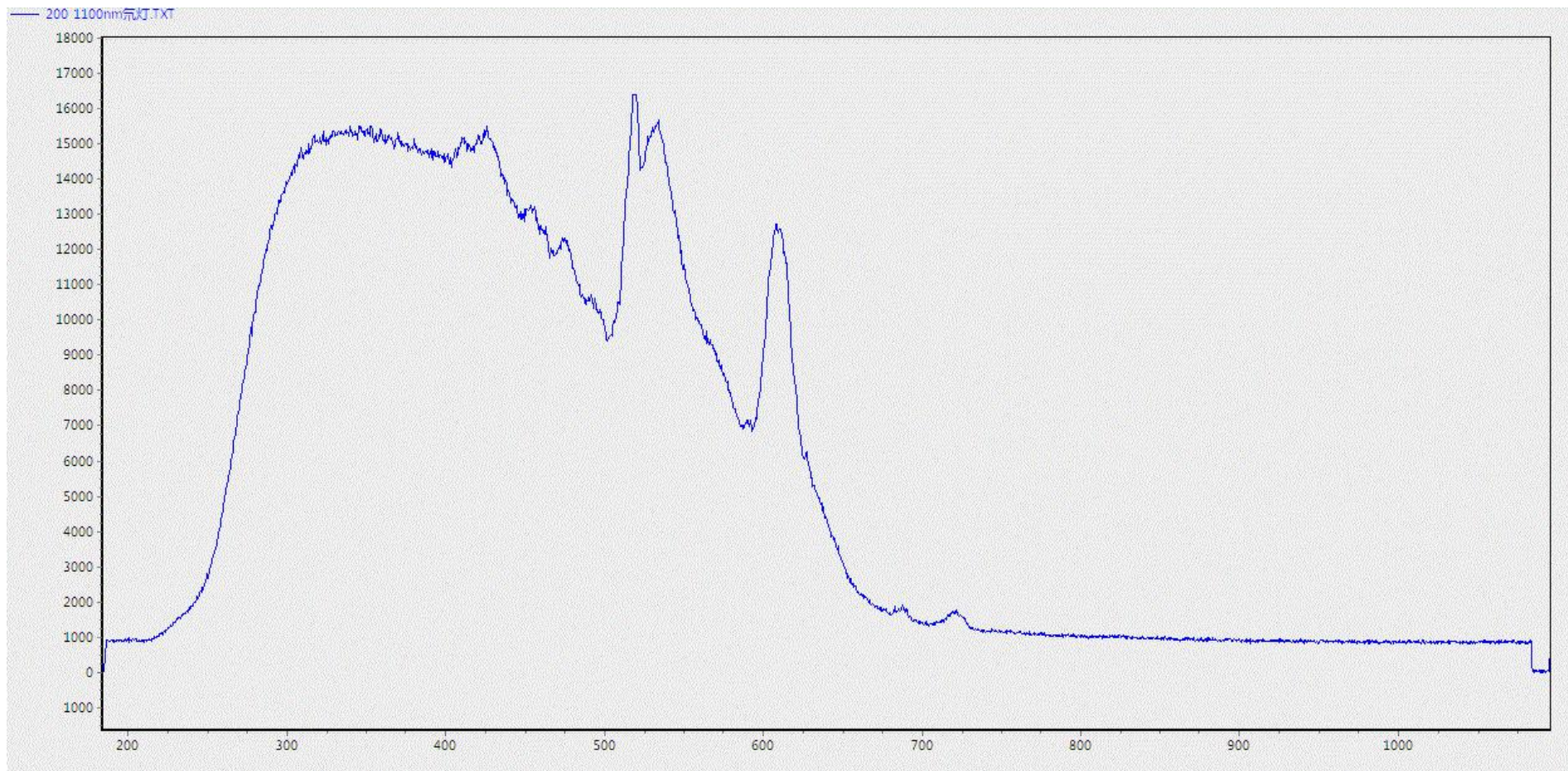


CURVE 2



Web: [www.uv-coating-ccd.com](http://www.uv-coating-ccd.com)  
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Tel: 0086-22-66185520 Email: [emily@uv-coating-ccd.com](mailto:emily@uv-coating-ccd.com)

**CURVE 3**



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Tel: 0086-22-66185520 Email: [emily@uv-coating-ccd.com](mailto:emily@uv-coating-ccd.com)



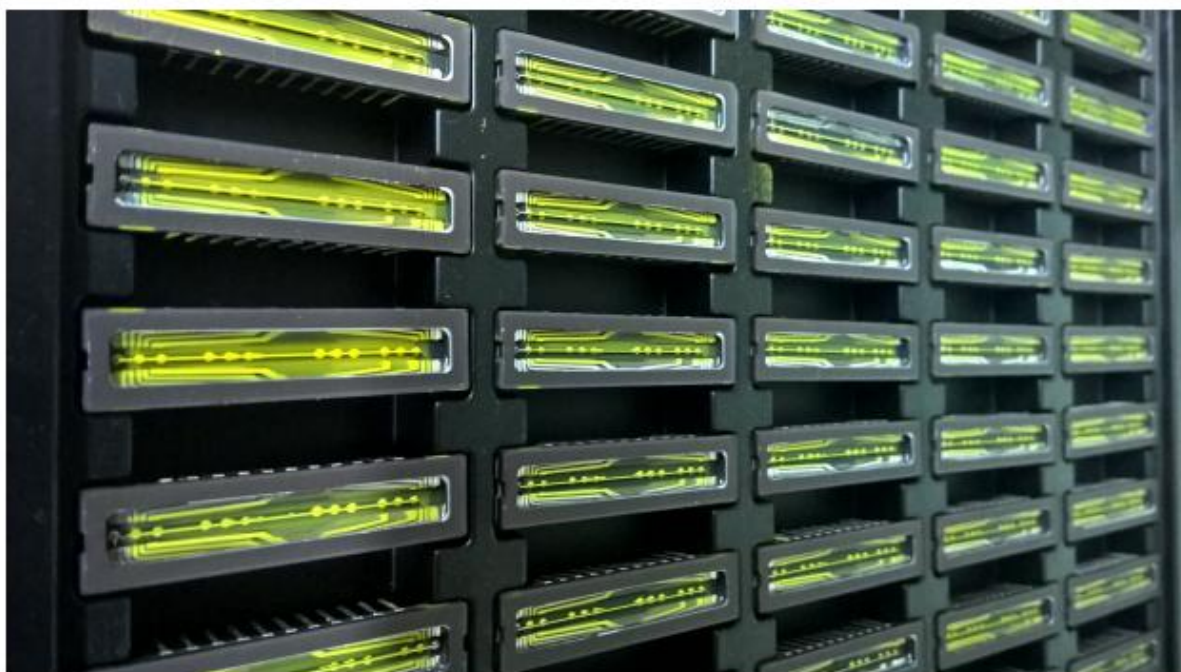
**5.Packages**

<b>PACKAGE STRUCTURE</b>	
<b>PACKAGE MATERIAL</b>	<b>Cer-DIP</b>
<b>LEAD TREATMENT</b>	<b>TIN PLATING</b>
<b>LEAD MATERIAL</b>	<b>42 ALLOY</b>
<b>PACKAGE MASS</b>	<b>5.20g</b>

## 6.After sales service

6.1 When receiving the goods, please count the quantity, if anything less than ordered, please inform within three days. We will check our record and re-send accordingly.

6.2 After receiving the goods, please test and inform if there is any quality problem within one month. If there is quality problem in fact, we will replace or return payment accordingly. (IF THE QUALITY PROBLEM MADE BY MAN-MADE DAMAGE BY USER, WE WONT REPLACE FREE)





Note:all prices are including air freight by DHL/TNT/FEDEX/UPS/EMS (ALL CCD ARE WITHOUT GLASS)

**TABLE 1:**

Commodity	Specification	Unit	Quantity	Unit price	Delivery time
UV CCD	Sony ILX554B-UV	PCS	5-10	USD115	5-10days
		PCS	11-50	USD110	10-15days
		PCS	51-100	USD105	20-25days
		PCS	101-200	USD100	25-30days
		PCS	201-500	USD90	25-30days
		PCS	501-1000	USD85	25-30days

**TABLE 2:**

Commodity	Specification	Unit	Quantity	Unit price	Delivery time
UV CCD	TOSHIBA 1304DG-UV	PCS	5-10	USD115	5-10days
		PCS	11-50	USD110	10-15days
		PCS	51-100	USD105	20-25days
		PCS	101-200	USD100	25-30days
		PCS	201-500	USD90	25-30days
		PCS	501-1000	USD85	25-30days

**TABLE 3:**

Commodity	Specification	Unit	Quantity	Unit price	Delivery time
UV CCD	Sony ILX511-UV	PCS	5-1000	USD170	ACCORDING TO PURCHASING ORDER
<b>Original factory has been discontinued OEM processing.</b>					