

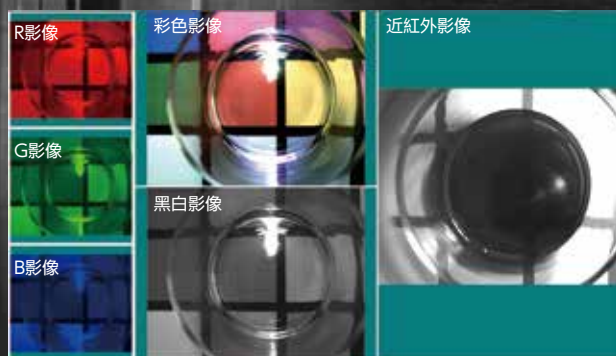
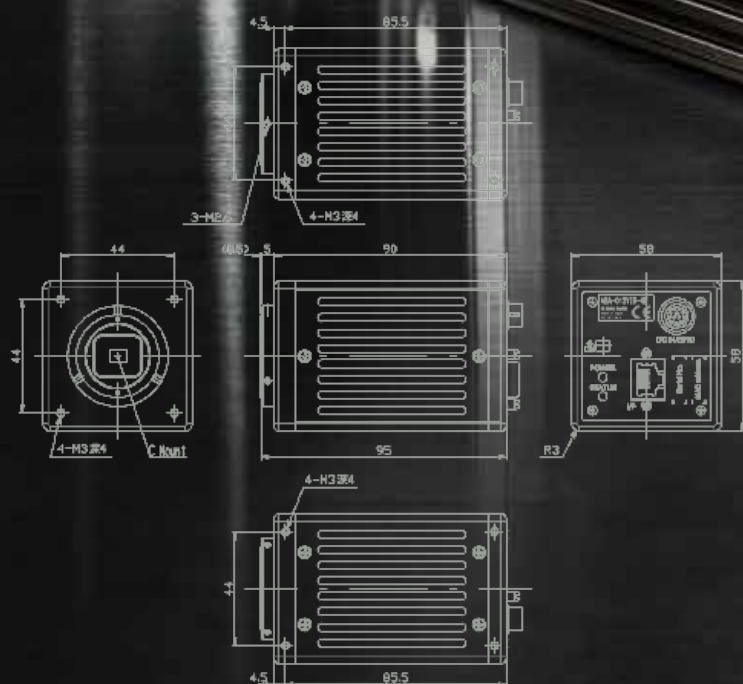
# ABA-013VIR

產品型號：ABA-013VIR

**開發中**

從可見光波長到近紅外波長全覆蓋  
相機採用新的SWIR傳感器技術

**400nm – 1700nm**  
**1.3MPix**  
**Pix Size 5 $\mu$ m**



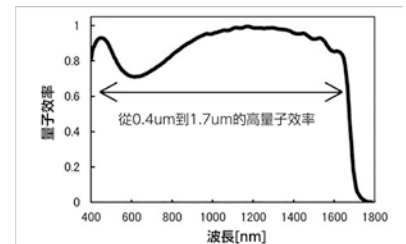
ABA-013VIR

## ■ ABA-013VIR 主要規格

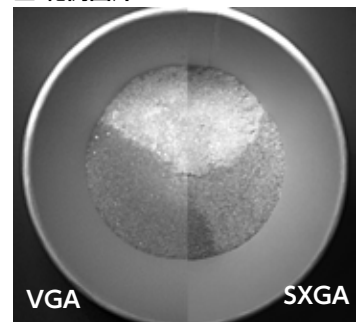
|                |       |                                                                                                                                                             |
|----------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model Name     |       | ABA-013VIR                                                                                                                                                  |
| Sensor         |       | Resolution : 1280(H) × 1024(V)<br>Pixel size : 5 μm × 5 μm<br>Effective chip size : 6.4mm × 5.12mm                                                          |
| Sensor Type    |       | Focal plane array(FPA)                                                                                                                                      |
| Spectral range |       | 400 nm - 1700 nm                                                                                                                                            |
| Interface      |       | Gigabit Ethernet (1000BASE-T) / CameraLink                                                                                                                  |
| Shutter        |       | Global shutter system                                                                                                                                       |
| Frame rate     | 8bit  | 134.7fps @CameraLink Type<br>61.0fps @GigE Type                                                                                                             |
|                | 12bit | 71.5fps @CameraLink Type<br>30.5fps @GigE Type                                                                                                              |
| Main function  |       | Status LED, internal cooling mechanism,<br>external trigger, various correction<br>(DSNU, PRNU, pixel defect, shading, LUT),<br>field upgrade function, ROI |
| Cooling        |       | Single-stage thermoelectric cooling (TEC1)                                                                                                                  |
| Trigger        |       | Internal / External<br>LVTTTL input1<br>Open collector output4<br>EIA-422 input2(Can also be used with LVTTTL input2)                                       |
| Gain           |       | 0dB ~ +12dB                                                                                                                                                 |
| Power          |       | Input voltage : DC+12V ~ DC+24V ± 1V<br>Power consumption : TBD W                                                                                           |
| Lens mount     |       | C mount                                                                                                                                                     |
| Operating temp |       | 0°C ~ TBD °C / 20 ~ 80% (Non-condensing)                                                                                                                    |
| Storage temp   |       | 0°C ~ TBD °C / 20 ~ 80% (Non-condensing)                                                                                                                    |
| Dimension      |       | 58(W) x 58(H) x 90(D) mm (Excluding the connector part)                                                                                                     |



### ■ 頻譜分佈



### ■ 範例圖片

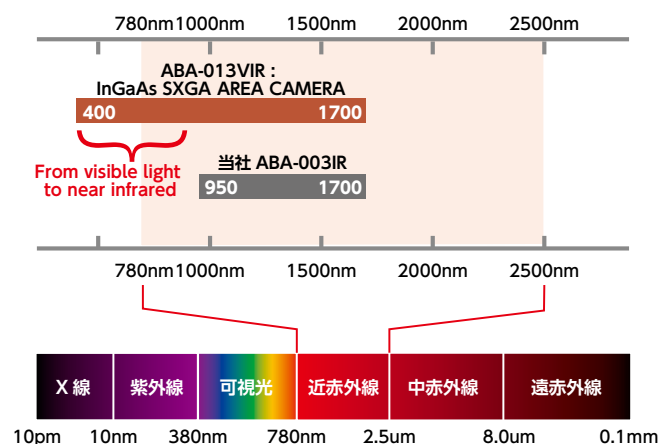


※ Specifications are subject to change without notice.

### ■ 側面



### ■ 背面 (GigE)



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