

Color Night Vision using Infrared Illumination



Conventional IR Camera

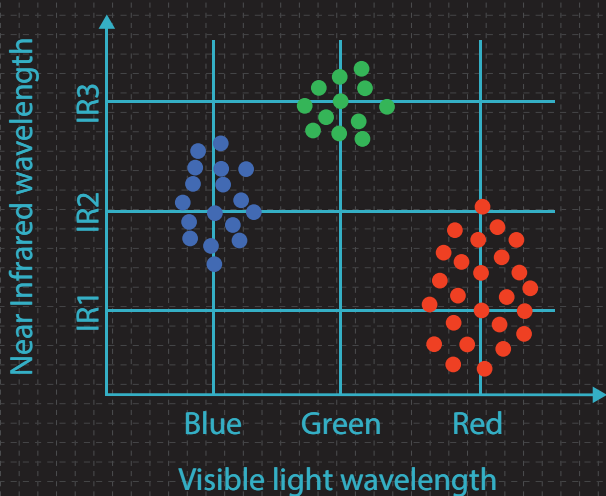


Color IR Camera

Comparison to a conventional infrared camera

Color Night Vision only with IR

Scientific Principle



It was considered IR was irrelevant to "color"

The research unveiled the correlation between visible light and infrared ray. It enabled to extract color information in infrared ray.

- Patent registered
 - Japan : 50% with AIST and exclusive
 - International : Own patents
- No loop hole : very solid



nanolux co. ltd.

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Safe and Secured by Color Night Vision

Accidents in darkness



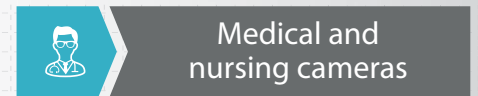
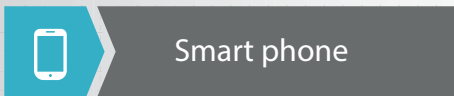
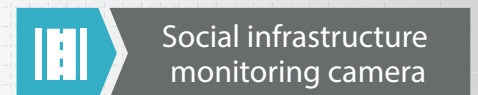
Lack of safe monitoring in dark

Crime rate 2.5x in the night

More car accidents in the night



Application examples in the market



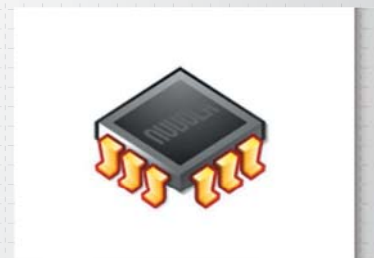
Our products and solutions



Far distance surveillance camera



3 CMOS camera (High-end)



Color night vision imaging sensor

*Mass production scheduled for 2018

The total solution will be provided for customers' needs.



Company Info

- Name : nanolux co. ltd.
- Product & Service : Color night vision camera, peripheral equipment and imaging devices
- Patent : Image Capturing Device and Image Capturing Method – Registered internationally
- Established on Jan 20, 2010
- Board : CEO : Motoshi SOBUE, CTO : Yasushi NAGAMUNE
- Capital : 90.00 mil yen (about USD\$ 800 thousand)
- Topics : Series A investment of \$2.0 million led by Samsung Venture Investment Corporation in May 2018, followed by the seed investment of USD 1.0 mil by ASUS in May 2017. / Government award for Academic Startups in Aug 2018, which is one of the top 6 start-up companies launched in universities and research institutes.

