

## Self-Emitting Quantum Dot TVs Will Appear on Market After 2020 When Major Technology Issues Are Expected to Have Been Addressed, Says TrendForce

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WitsView, a division of market intelligence firm [TrendForce](#), expects TV sets with self-emitting QD displays will arrive on the market after 2020 because of technological hurdles and environmental problems related to the recycling of the QD material. WitsView further points out that Samsung's current QLED TVs represents just the beginning in the development of QD displays.

QLED has an edge over OLED in colors and lifespan but does not comply with environmental regulations and is low in external quantum efficiency

Samsung uses QLED to differentiate itself in the TV market and its OLED production capacity will be mainly for making medium- to small-size panels

### About TrendForce

TrendForce is a global provider of the latest development, insight, and analysis of the technology industry. Having served businesses for over a decade, the company has built up a strong base membership base of 435,000 subscribers. TrendForce has established a reputation as an organization that offers insightful and accurate analysis of the technology industry through five major research divisions: DRAMXchange, WitsView, LEDinside, EnergyTrend and Topology. Founded in Taipei, Taiwan in 2000, TrendForce has extended its presence in China since 2004 with offices in Shenzhen and Beijing. For more details about TrendForce, please visit [www.trendforce.com](http://www.trendforce.com)

#### Major research divisions:

**DRAMeXchange** focuses on memory, storage and the consumer electronics industry including PC DRAM, Mobile DRAM, Server DRAM, NAND Flash, SSD and smartphone.

**WitsView** offers comprehensive coverage of the display industry from upstream components, midstream panels/touch modules to downstream system integrators, brands and channels.

**LEDinside** covers all aspects of the LED supply chain from upstream equipment/materials, midstream chip/packaging to the downstream backlight and lighting market.

**EnergyTrend** specializes in green energy research, such as solar energy, lithium battery, energy storage systems and xEVs.

**Topology** studies structural trends of technology industries in the Greater China Region and beyond, focusing on semiconductors, photovoltaic technology, telecommunications, and IA.

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