

CES 2020

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TV

4K, HDR sets are common

Few available 4K sources except video cameras

ATSC 3.0 and Next Gen TV to solve, but few availables

Promises to allow TV anywhere, anytime, on any device, even over the air

8K TV, some sets available

OLED by LG, organic light-emitting diode

"only 3% of larger tvs sold"

Other variations, usually only on 55" or larger:

ULED by Hisense

XLED by TCL and Visio

QLED quantum dot display by Samsung

Each of these attempts to make a better picture by a small improvement

5G

coming, but there are problems for some. Weather, buildings affect reception. Need special gear for smart phone. Cost

General expansion of IoT and AI to many products to provide:

remote activation

alerts and notice

identify contents

applied to microwave, refrigerator, washer/dryer, door locks, garage door
and more

voice enabled

voice recognition

Alexa and other similar enabled

notification of water interruption

many "headphones" (aka earbuds) wireless, analyze hearing, waterproof

many wearables for health (steps, distance, heart rate, oxygenation, ECG, sleep tracking)