

Qualcomm
snapdragon



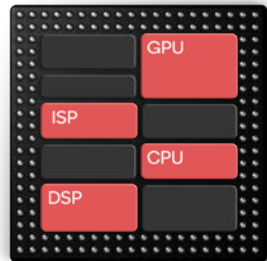
Judd Heape

Senior Director, Product Management
Qualcomm Technologies, Inc.

Qualcomm
snapdragon



Enabling
features
never
possible
in legacy
cameras



Low Light



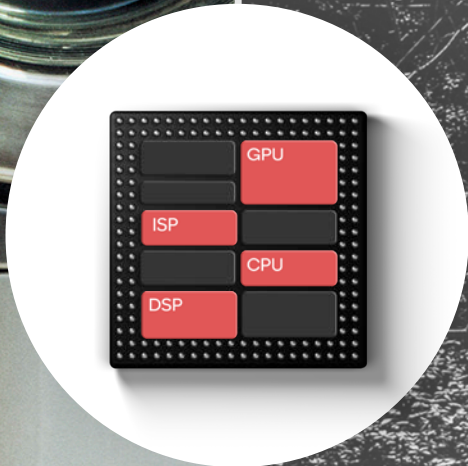
4K HDR



Triple Lens
3x zoom



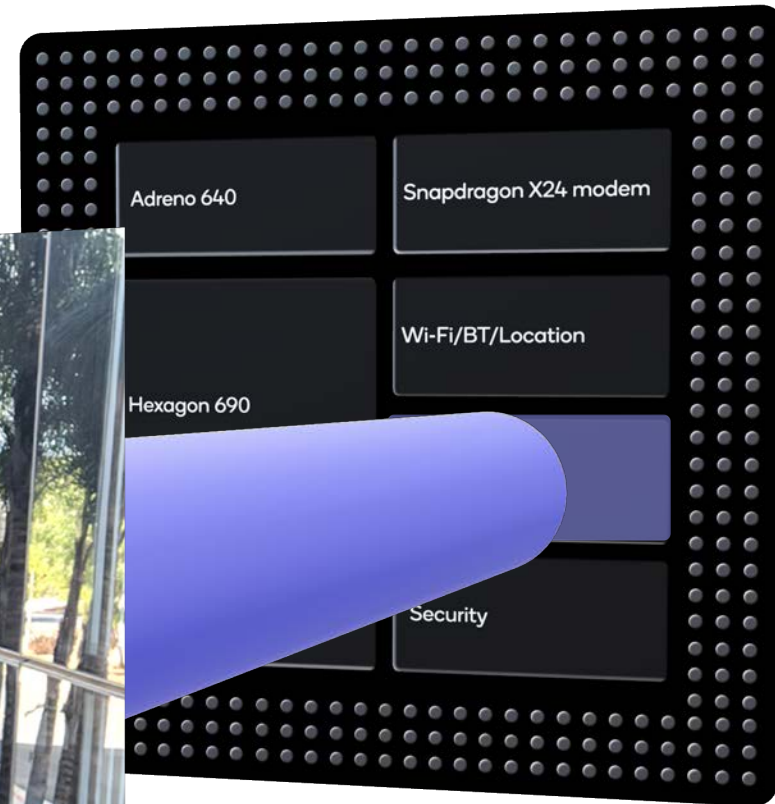
Object classification
and tracking



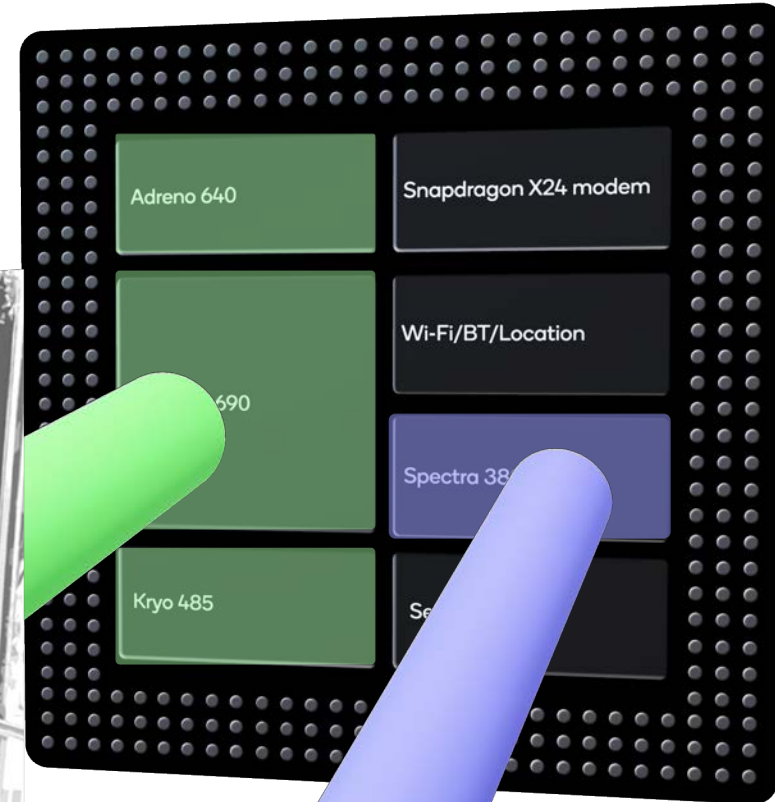
6DoF body tracking
+ Room-Scale

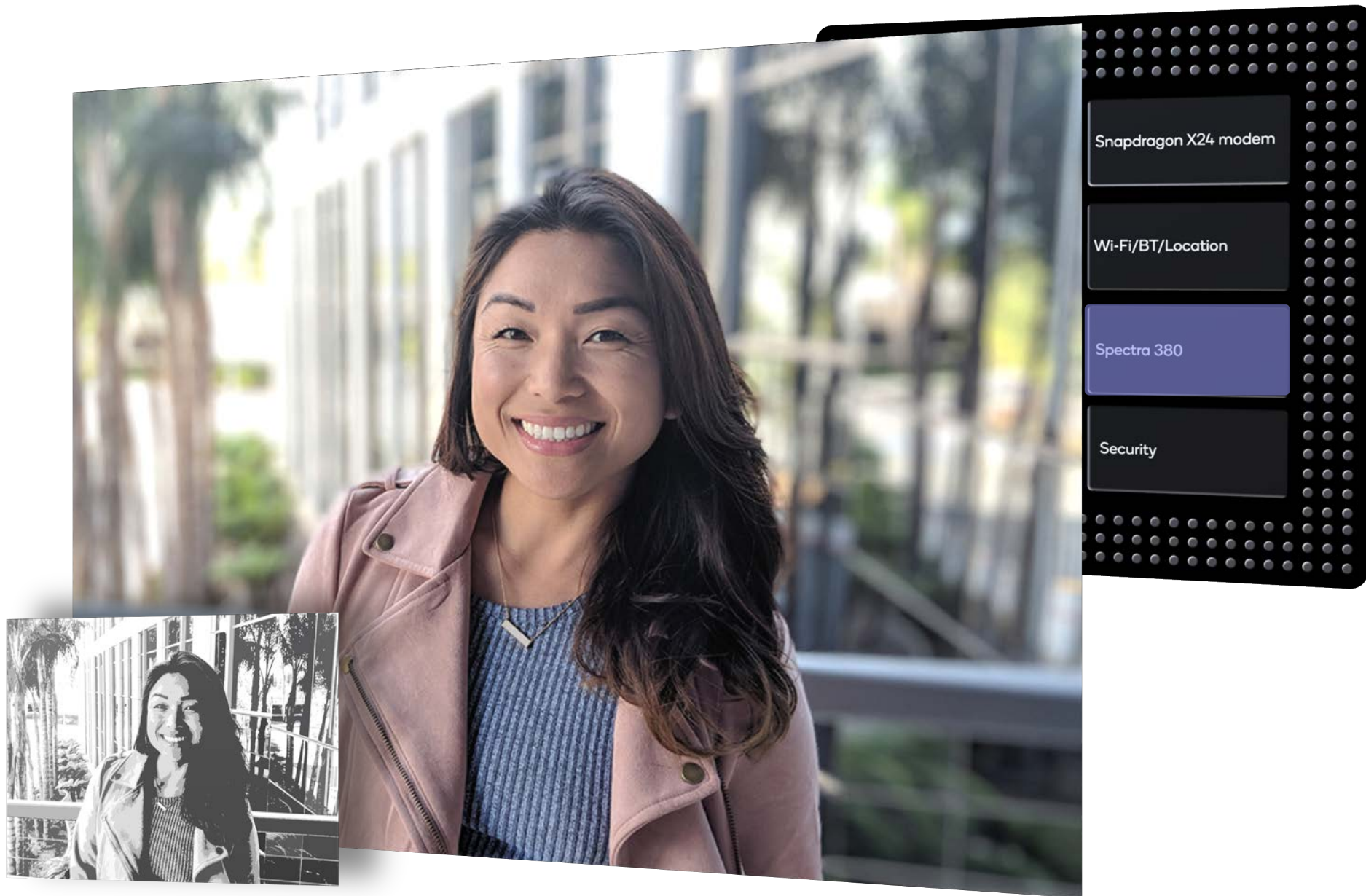


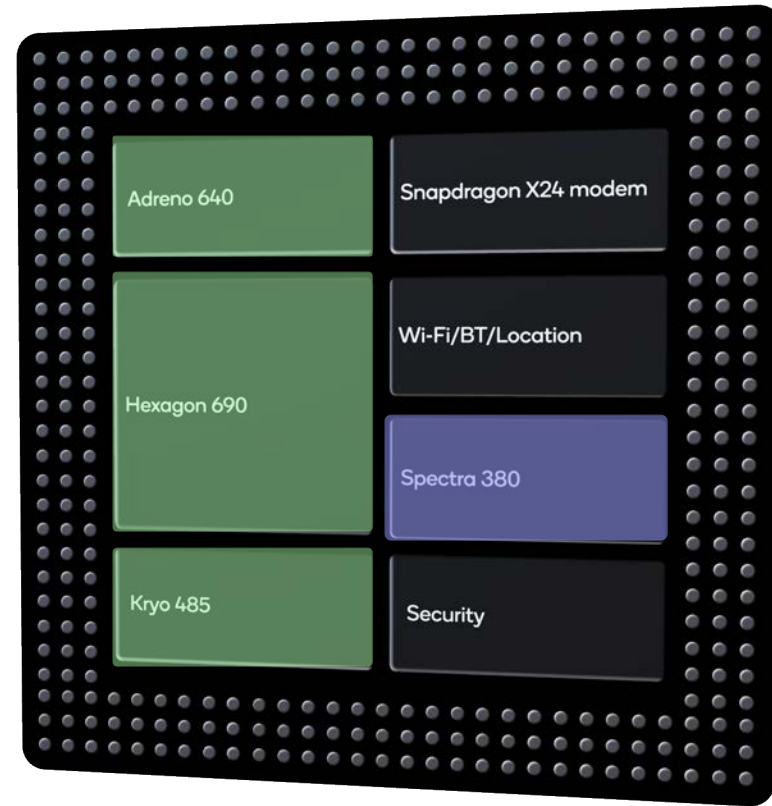
Color Pipeline



Computer Vision Pipeline







World's First CV-ISP

Extreme
Speed Boost

Up to 4x
Power Savings

Computer Vision

Multi-object Classification

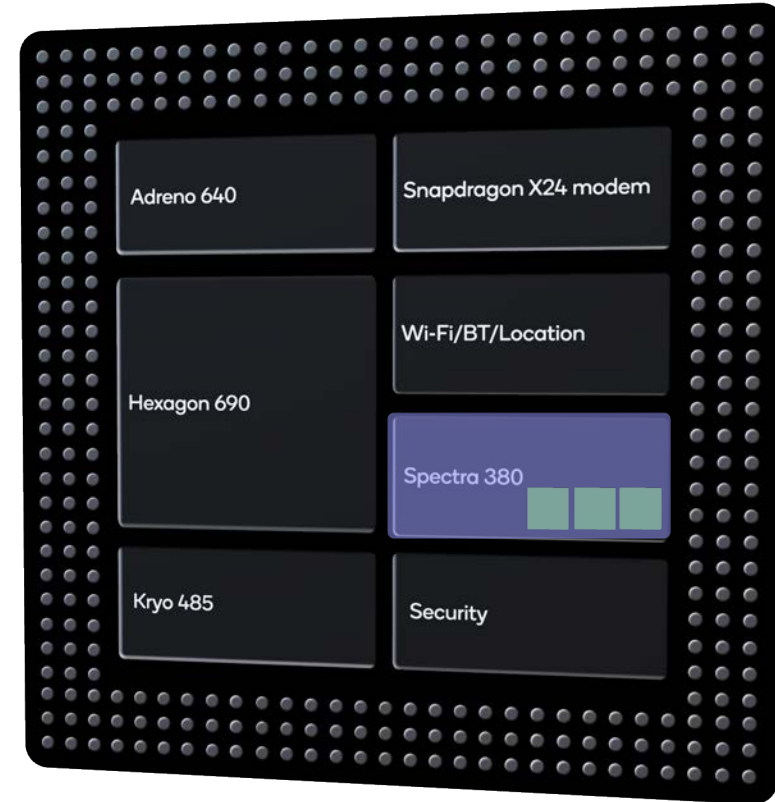
Multi-Object Tracking

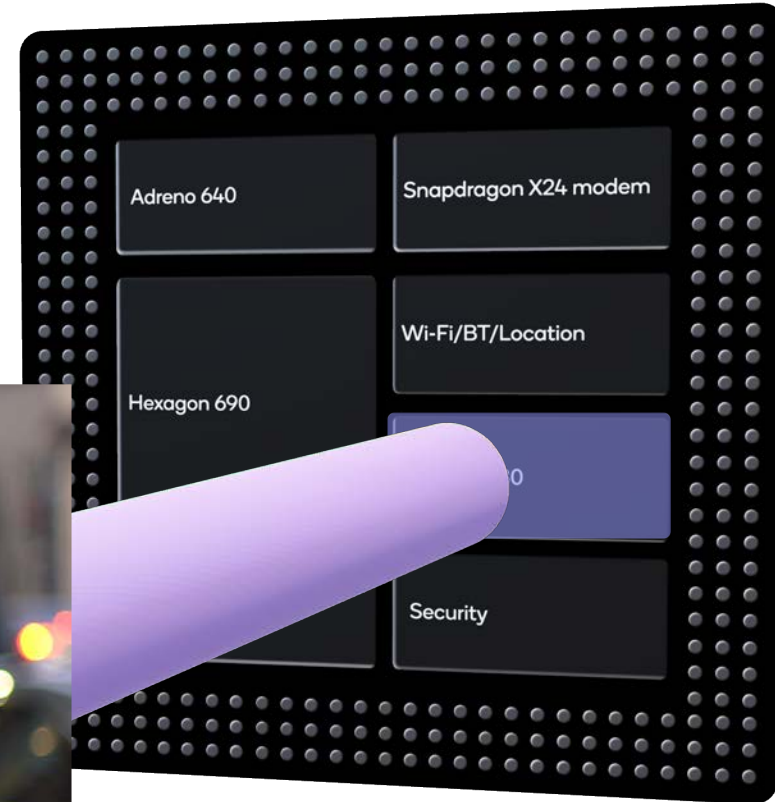
Object Segmentation

Depth Sensing at 60fps

6DoF XR Body Tracking

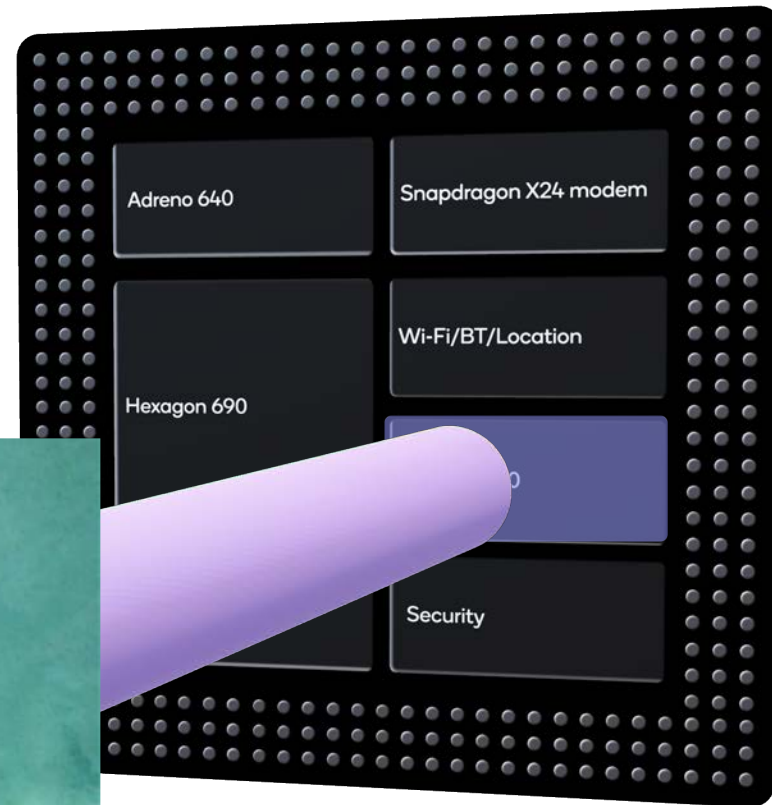
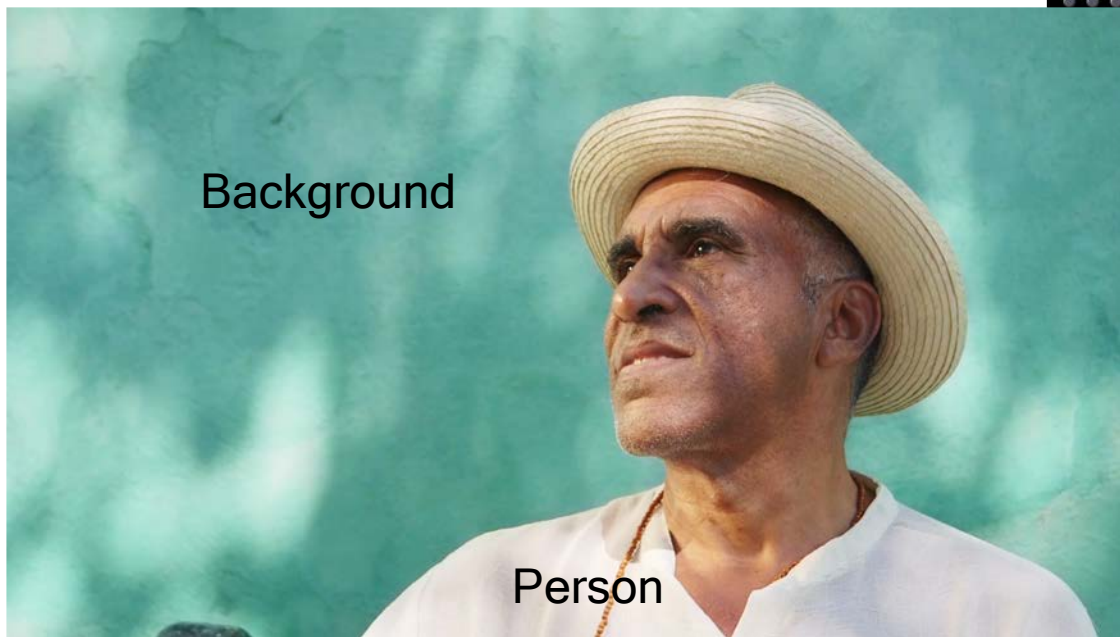
CV Stabilization





Depth Sensing at 60fps

World's **First** 4K HDR with Portrait Mode



Real-time Object Segmentation
Real-time Object Replacement

CV-ISP + AI Engine

Adreno 640

Snapdragon X24 modem

Hexagon 690

Wi-Fi/BT/Location

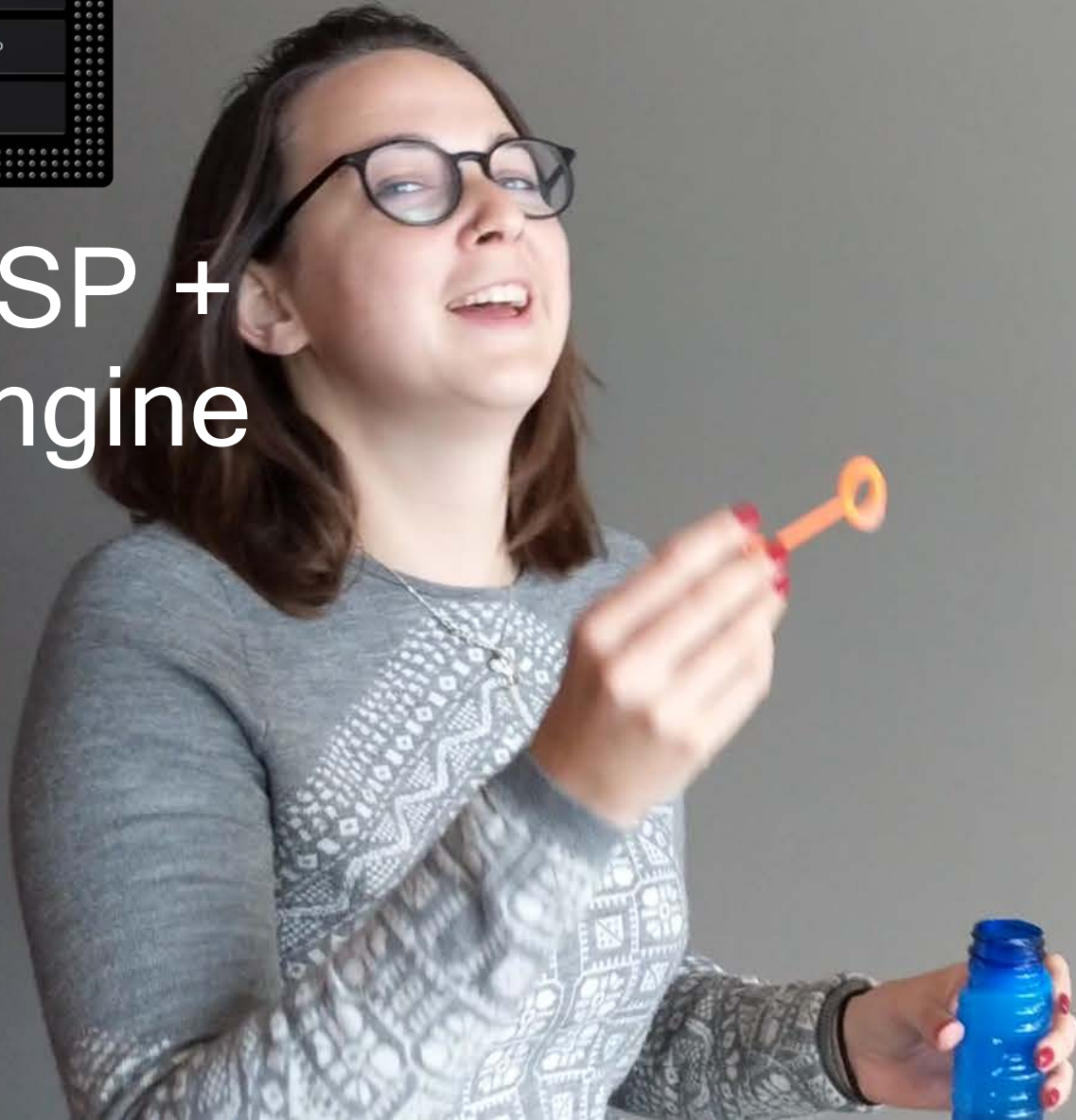
Spectra 380

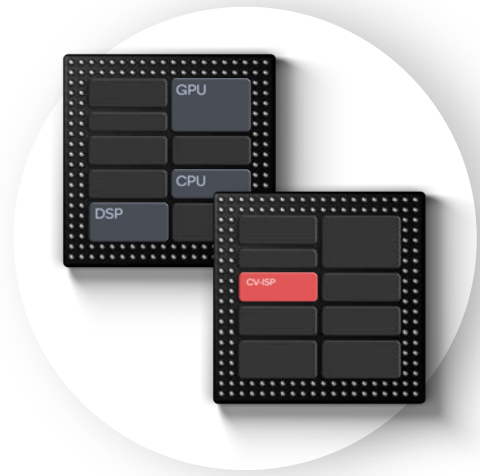
Kryo 485

Security

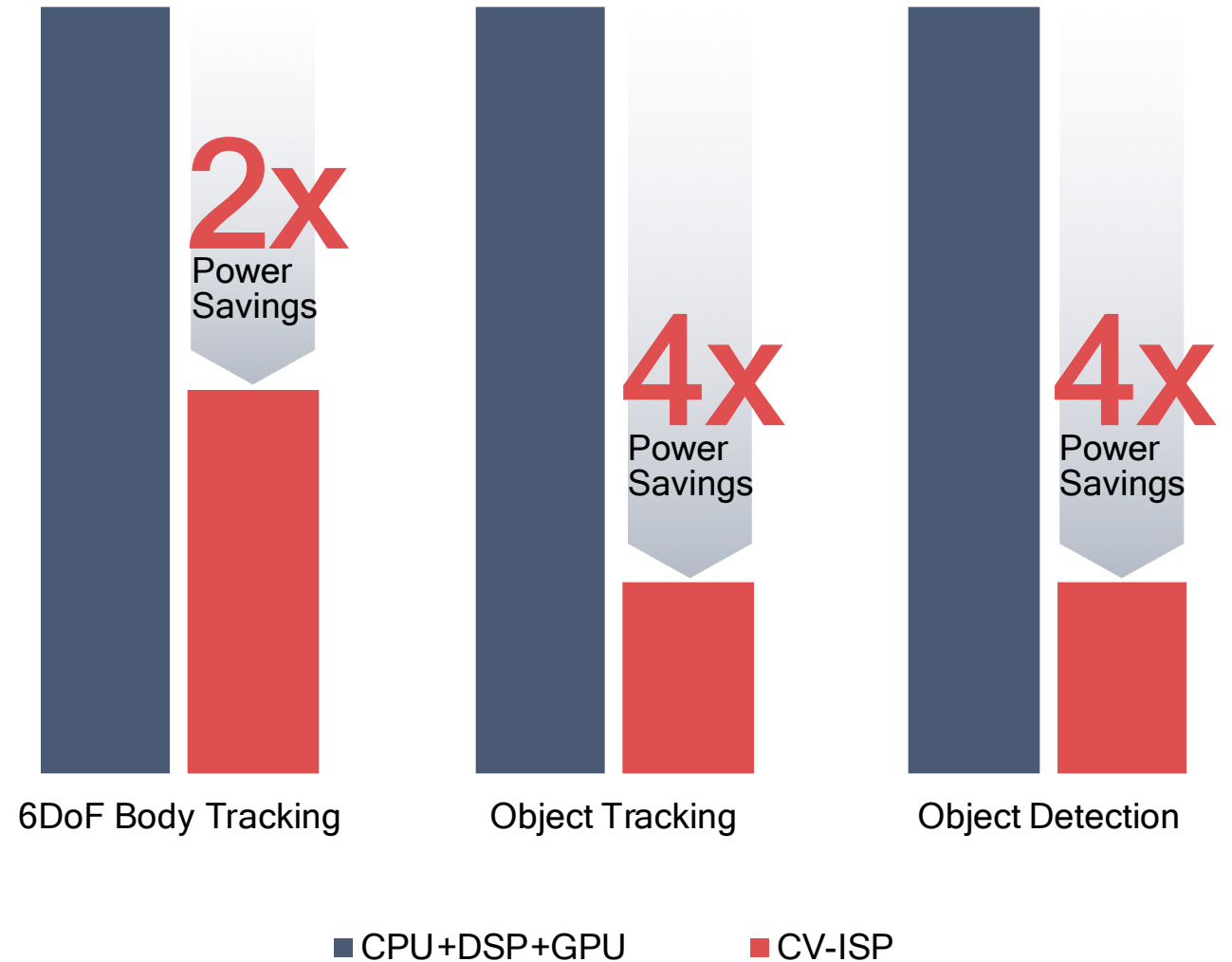


CV-ISP + AI Engine





Power savings in computer vision









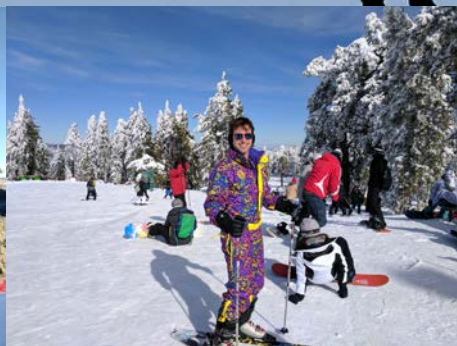
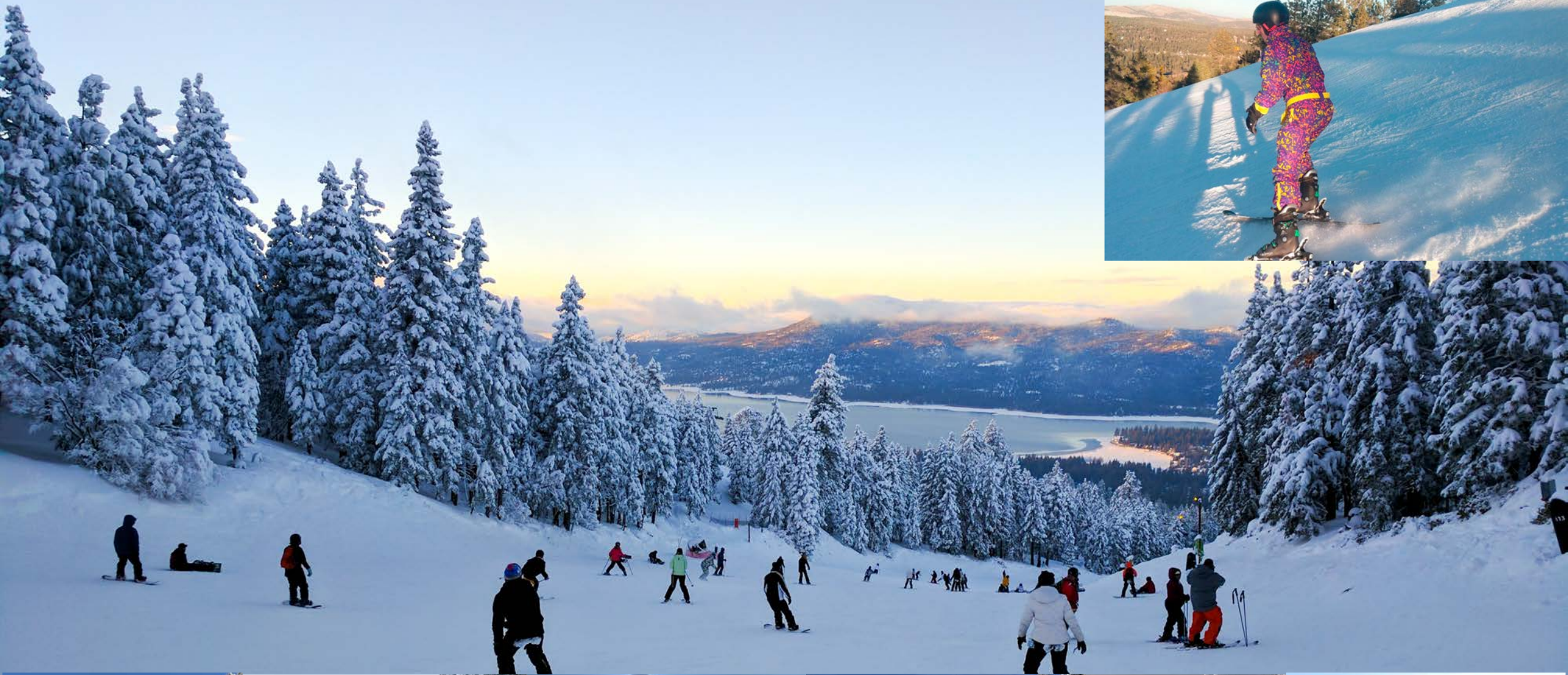
Date Finder



PJ

Loves to ski.
Mama's boy.









Telephoto



Wide Angle



Super-wide
Angle

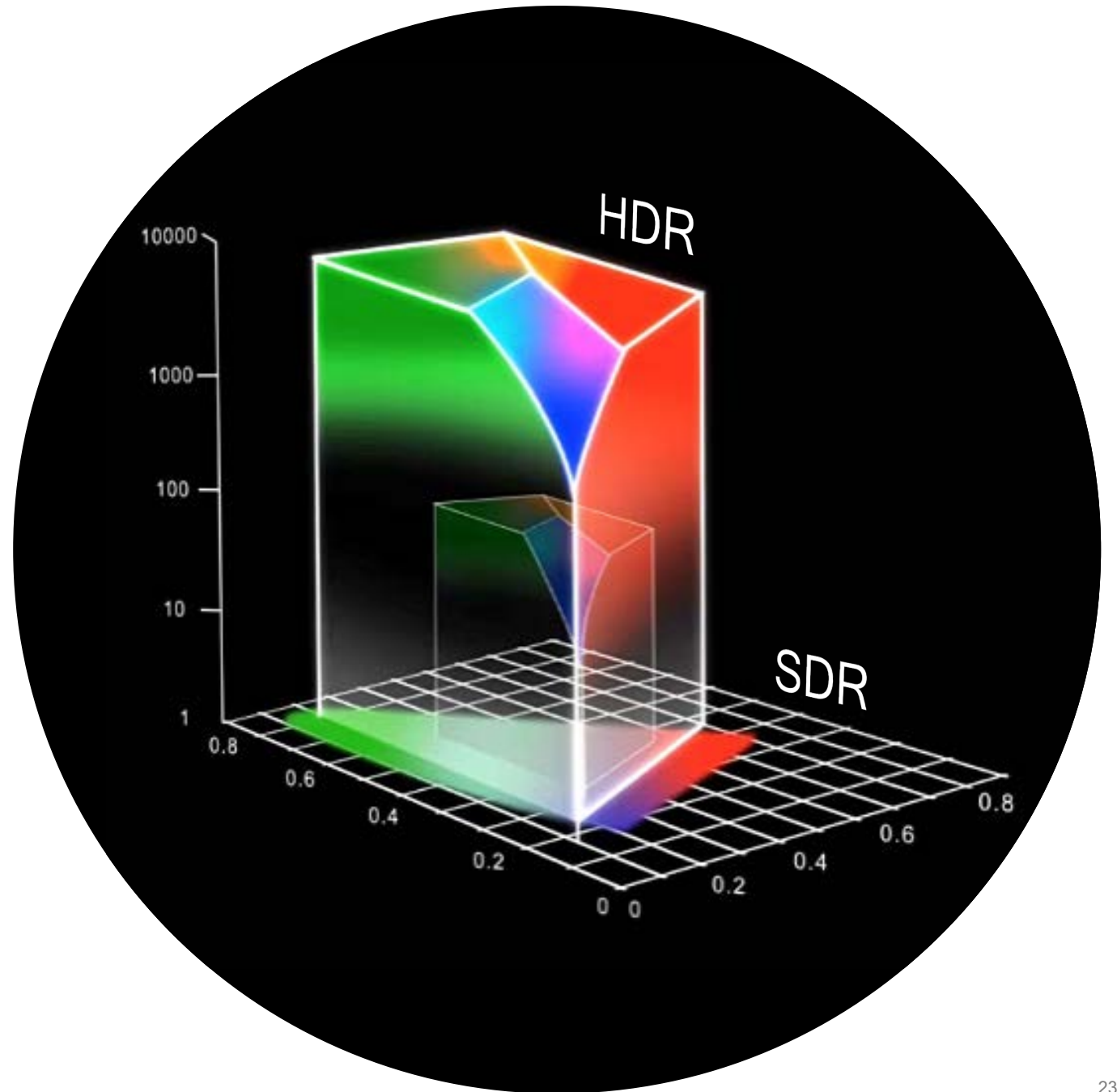


Single
HEIF
File

2nd Generation 4K HDR Video Capture

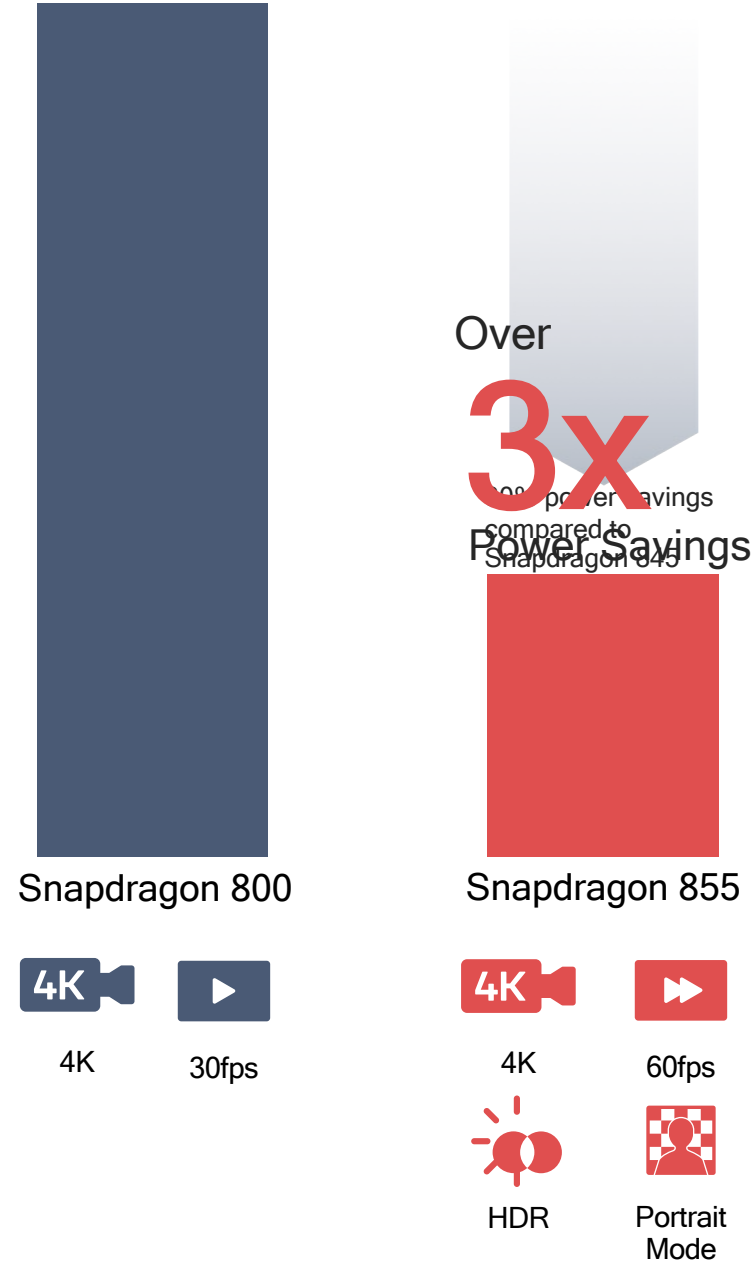
Capture over 1 billion
shades of color

HDR10+
World's First
on Mobile





Power savings in 4K video capture



Snapdragon 855

Capture highlights

