


BRYCEN's image solution i-BIQ gives overwhelming image quality



Dual camera image solution
Corresponding to Qualcomm platform
Flexible image quality adjustment
Tuning to maximize the performance of camera system
Support DxO Mark score

AE **—Auto Exposure—**

High speed processing for good photo opportunity, and exposure performance closer to human eye mechanism
Meticulous exposure expression and correct exposure smoothly

- HDR(High Dynamic Range)control
- Scene detection
- High-speed convergence
- Highly accurate flicker detection

AWB **—Auto White Balance—**

Highly accurate illuminant estimation and scene detection provide vivid color expression
Color "Global optimization & trade-off reduction"

- Machine learning based light source detection
- Specific color correction by original algorithm (Patent pending)
- The color rearrangement system fulfills delicate color correction

Tuning solution

Short-term & smart tuning process

- Image quality enhancement
- Clear image quality criteria
- Consultation for DxO

Shading Correction (Patent pending)

Calibration of dispersion in color and brightness caused by light-condensing performance from lens capacity and each pixel on image sensor

- Non-uniform sensitivity of image sensor
- Lens distortion
- Also cope with ring shape
- Cope with thin type or cheap lens

Camera Customization

Camera system optimization

- Lens design
- Performance improvement of camera system
- Software development
- Device driver development



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