



Pimax Crystal

DISPLAY	QLED + Mini-LED Display 2880*2880 pixels per eye Brightness: 200nit Local dimming: 20000:1 Colors: 100% NTSC Motion-to-Photon (MTP) Latency: 15ms Refresh rate: 72Hz/90Hz/120Hz/ (144Hz/160Hz in testing mode) HDR
OPTICS	Customized replaceable aspheric optical lens, with 35PPD peak fidelity
FIELD OF VIEW	Horizontal: 125° Diagonal: 140°
INTERPUPILLARY DISTANCE (IPD)	Manual IPD and Automatic IPD Supported IPD range: 58-72mm
AUDIO	Original off-ear speakers (Optional high-fidelity DMAS headphones) 3.5 mm audio jack 1x microphones 3x
DIMENSIONS	280.10mm*108.20mm*135.90mm
CONNECTIVITY	Standard Pimax Custom 4.5m DP cable
POSITIONAL TRACKING	Inside-out (Standard cover/MR cover) Outside-in (Lighthouse cover)
EYE TRACKING	120Hz with sub-degree accuracy; 5-dot calibration for foveated rendering
BATTERY	6000mAh replaceable battery + 120mAh inside battery supports hot swap
INSIDE CHIPS	
VR MODE	PCVR + Standalone VR
BATTERY	600mAh use type-c for charging
SYSTEM UPGRADE	Support OTA upgrade
WEIGHT	126g