More Realistic than Reality

Premium 8K 3D VR



Business Background

Everyone in the VR industry knows

The uncomfortable truth. "Low Resolution"

쌩은

다들 몽달귀신들이야... 화질이 구려서 눈코잎이 안보여

kimc****

5G폰으로 보면 화질 엄청 좋은가요? 노트9인데 uhd화질은 아니고 fhd화질인듯.. 5g는 초고화질인지 궁금해요

newk****

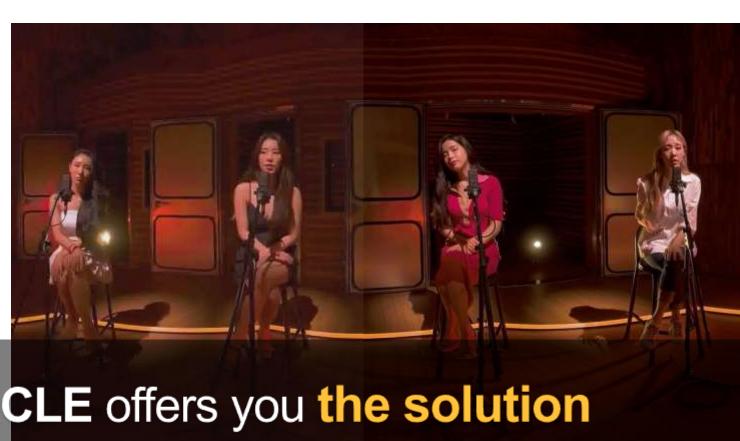
화질이... 왜이런거죠?

t어쩌라고t

이런 똥화질을 360영상이라고 들이밀다니 5g수듄 안봐도 알만하다 ㅉㅉ

철마는

ALPHACIRCLE offers you the solution





For Live Action VR

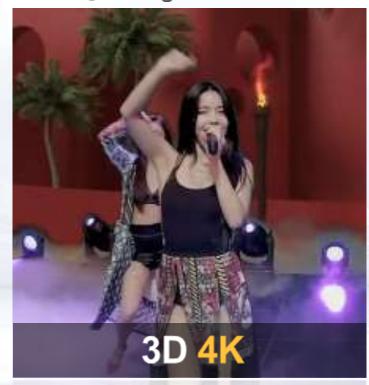
Introducing ALPHAView, the ultra-high definition image engine

Original VR

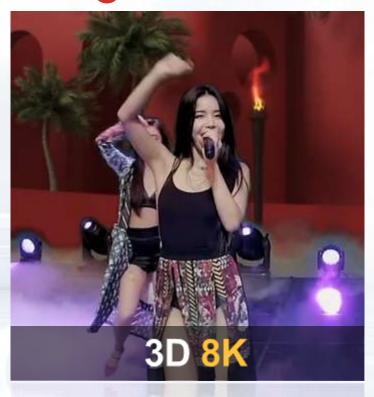


*Above pictures are actual images seen through HMD

Coogle VR180

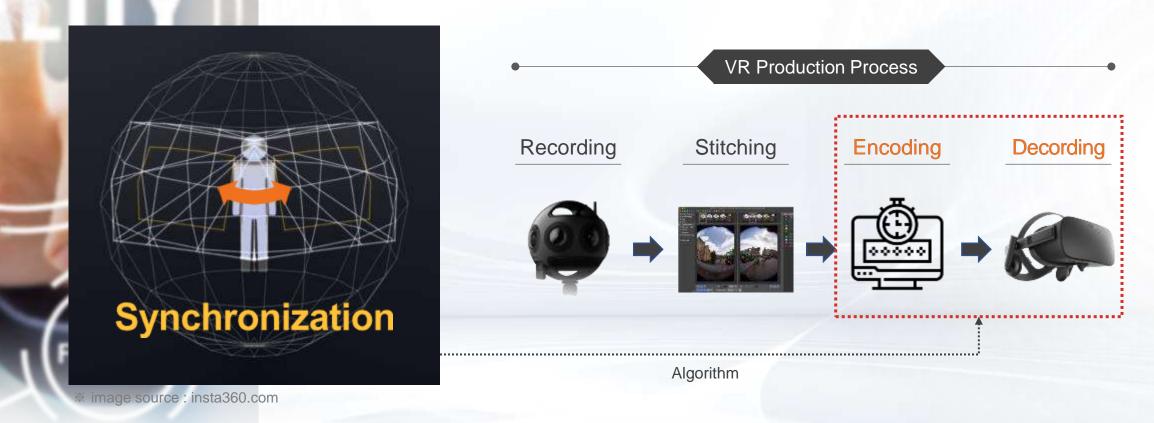


ALPHAView



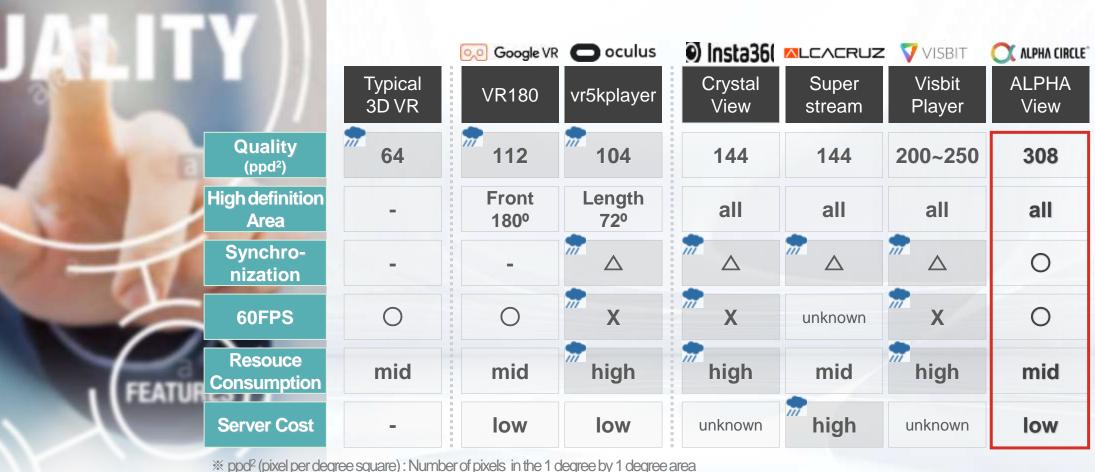
X Technical Overview

Based on Image Segmentation and Play Synchronization



X Competitiveness

ALPHAView is a World-class image engine



IP: Application for 13 patents and four trademarks

(9 in Korea & 4 PCT)





World's first Charged VR Album

•Outline: Production and commercialization of VR videos of famous idol groups

Concept: K-Pop Idol + ALPHAView VR + Album business

Arrangement: Genie Music (KT), ALPHACIRCLE

•Release: 19 Dec. 2019

Sales: ALPHACIRCLE \$0.21mil (License & App Dev.)









genie



X Business Performance





New Media VR Teaser Platform

- Outline: Project to build VR teaser service for performing arts/exhibitions/museums
- Concept: 'Visit in advance' in culture and art space
- Arrangement: YONHAP News, ALPHACIRCLE
- •Schedule: Pre-open in the 1st half of 2020 (Google store)
- BM: Production, Media Ad profit



Sejong Center



National Museum of Korea



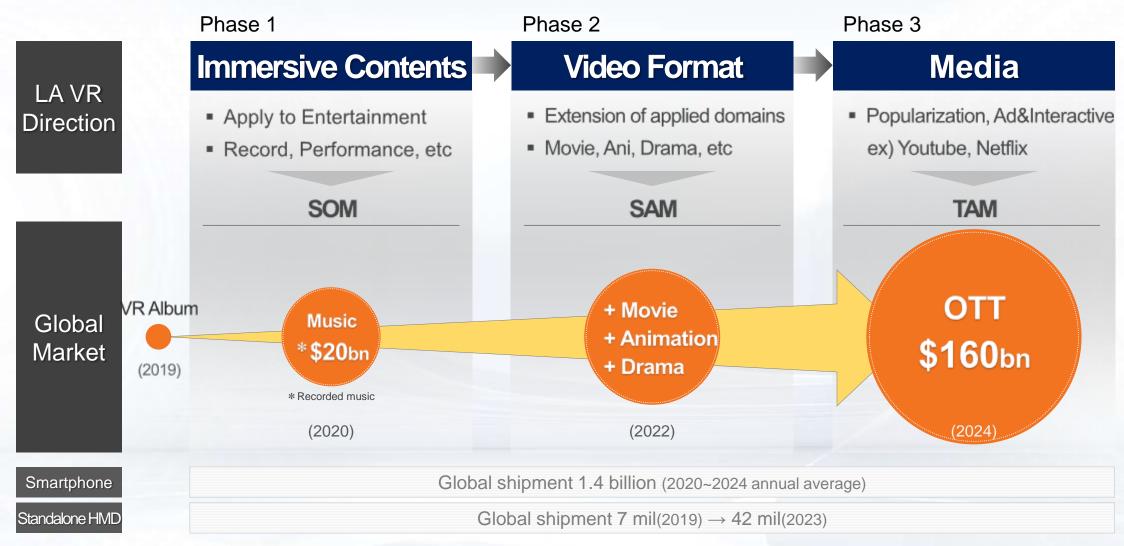
National Museum of Modern and Contemporary Art



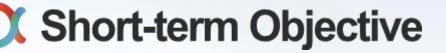


Seoul Arts Center

X Target Marget



Source: Music market – Goldman Sachs, IFPI(2017), OTT market – Statista, Bloomberg(2019) Smartphone - IDC(2019), Standalone HMD - CCS Insight(2019)



Leading the VR Image Engine Market





Killer Contents Production, VR Teaser Service

Solution Supply VRoadway
4 cases 4 teasers

Expand engine operating devices (Standalone HMD, etc.)

Overseas Expansion

Solution provision centered on device manufacturers

Solution Supply VRoadway 6 cases 16 teasers

Related technology convergence (Interactive AR, Voice recognition, etc.)

Preoccupation of market standard in transitional VR ecosystem

Solution Supply **24** cases

VRoadway

130 teasers

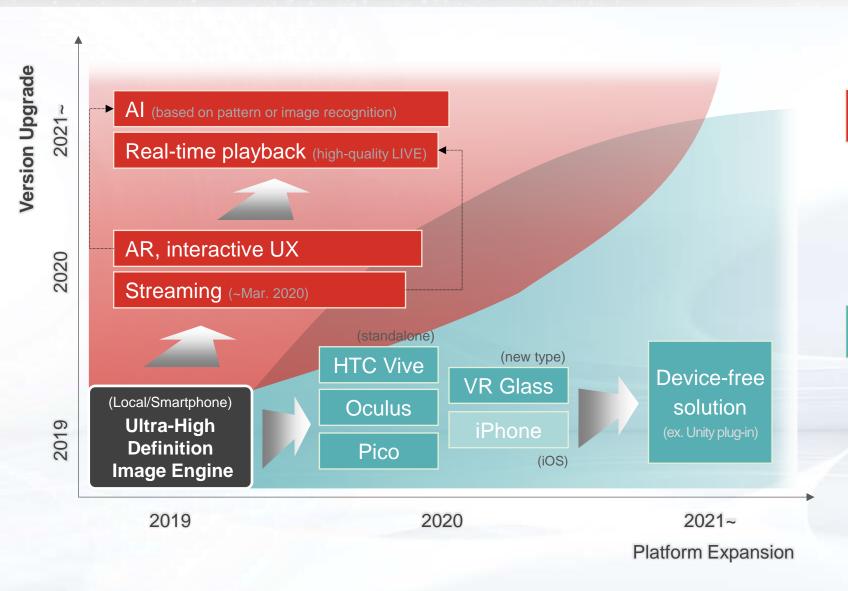
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KPI

Advanced Dev.

2020 1H 2020 2H 2021

Technical Roadmap



Version Upgrade

- Add and Merge key functions (Real-time, MR, AI, etc)
- Orientation of standard solution in VR image sector

Platform Expansion

- Select priorities in the transitional device market
- Partner solutions for future standard devices

X Core Manpower

CTO
Tony Chung / Super Engineer

CEO Dennis Shin / Mild Bulldozer CSO DW Cha / Detailed Big Picture

TA-Student

Project Partner

2016 SW architecture design for fingerprint recognition button application of pressure sensors 2010 A mathematical analysis of resonance condition of 6/9 axis motion sensor

- Branch Manager & Technical Director, Nextinput (2y)
- Technical Director, Invensense (NASDAQ, 6y)
- SW/HW development, SK Teletech, KT Tech (10y)
- Department of electrical enginerring, Seoul National Univ./Graduate school

New Business 20y VR/AR expert

2015 Ministry of Science, ICT and Future planning award 2012 Young Entrepreneurship award 2011 Qualcomm QPrize ranked 1st in Korea / 3rd in global (AR service, 'OVJET')

- Prof. of VRARMR Center of Suwon Univ. (2.5y~)
- CEO, Kiwiple Ltd. (AR company, 8y)
- Product planning, SK Telesys, SK Teletech (Pantech) (10y)
- Electrical and electronic control measuring engineering, Seoul National Univ.

Strategy 16y

Platform expert



- Consulting & BD, Mayforce (2y)
- Platform business manager, Smilegate (5.5y)
- Strategic planning, Samsung SDI, Hotel Shilla (8y)
- Business administration, Yonsei Univ.



Thank you