AndroVideo × UHD 4K2K

# Face Recognition Reimagined

## Minimum Overhead, Maximum Effect

AndroVideo

- Snapdragon™ 600 series
- Up to 10K face database
- 10 concurrent faces
- Triple streaming at H.265 / H.264
- Up to 30 fps at 4K
- Recognition within 1.5 seconds

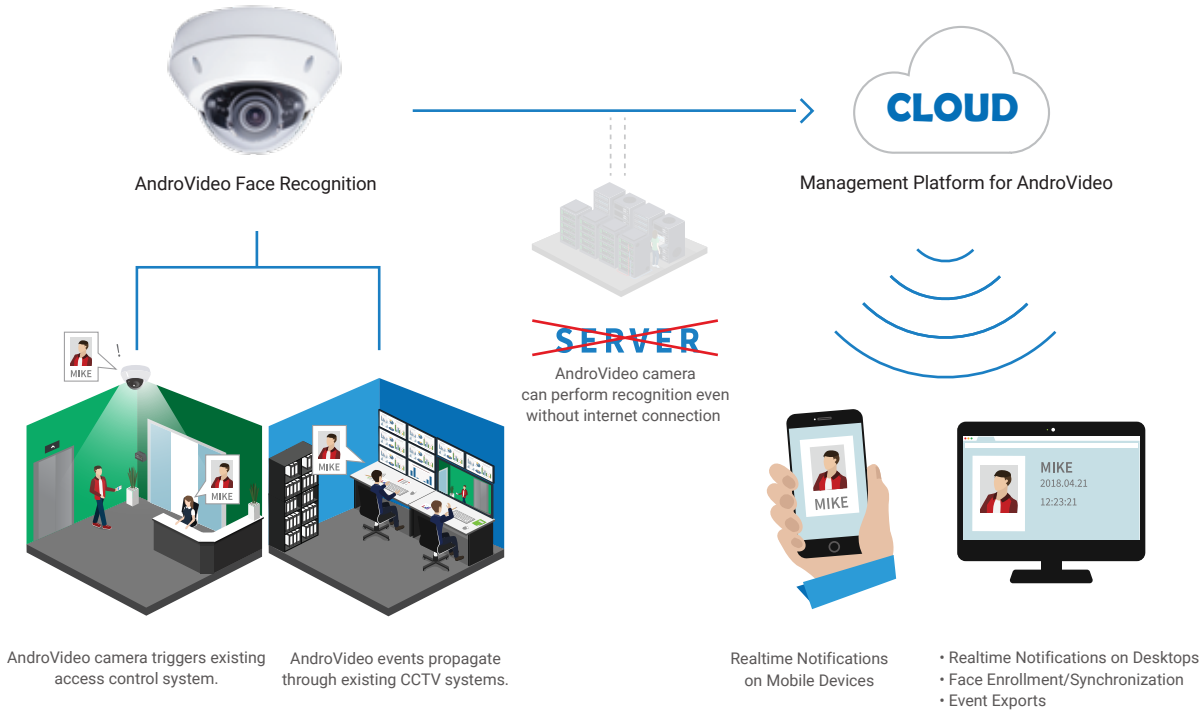
# AndroVideo Face Recognition

AndroVideo combines the power of deep learning algorithm and the performance of Qualcomm chipset togetherin a single form factor, making traditional face recognition software server obsolete.
Up to 1,000 faces cloud be stored within just one camera and up to 10 faces could be recognized concurrently within 1.5 second.

Coupled with your own cloud , a serverless video security platform, AndroVideo perovides realtime notification on VIP/blacklist events, face database synchronizations, device health monitoring, event search/filtering/management, incident history exports and user management.

AndroVideo is suitable and popular among retail venues, residential builidings, corporate locations as well as manufacturing facilities.

## / How It Works




## / Key Features

### AndroVideo Easy Installation

Install just the Androvideo camera. Software deployment on server hardware is no longer needed.

### AndroVideo Easy Integration

Open API allows integration with existing access control and CCTV systems.

### AndroVideo Easy Management

Plug and play with fully featured security platform, Advancloud. Save developement resources.

# 1 Access Control / Attendance Management

- Open API allows seamless integration with existing access control system.
- AndroVideo sends realtime notifications upon intrusions.
- Event management is made easy with history search /filtering/export functions.

### Corporate / Factory
AndroVideo's attendance managerment works in tandem with existing systems.

### School
Student attendance can now be taken automatically.

### Residential
AndroVideo strengthens security with another layer of access control.

### Data Center
AndroVideo provides additional biometric access control on top of existing security.

# 2 VIP / Blacklist

- Realtime notifications on both mobile devices and desktops allows faster response to incidents in many scenarios.
- Historic presence of VIP or blacklisted subjects can be searched, exported or otherwise managed intuitively on AndroVideo apps.

### Corporate
AndroVideo notifies instantly upon arrival of important client.

### Supermarket
Blacklisted person triggers staff's response procedures.

### Shops
AndroVideo reminds you VIP's shopping preferences.

### Residential Buildings
AndroVideo expedites response from security guards to blacklisted person.

### Schools
Parents get visual confirmation from AndroVideo on their kid's safe arrival.

# 3 Face Count / Age & Gender Detection

- Simply keeping track fo visitor count opens up doorways to greater business insight.
- With AndroVideo data API, correlation between customer preferences and age/gender data can be easily computed and allows further analysis.

### Retail
Storefronts can ise AndroVideo data to determine best promotion campaign for targeted demographics.

# VD1

*Technical Data Sheet*

| Model：**VD1** | |
|---|---|
| **Description** | |
| 8MP H.265 Low Lux WDR IR Vandal Proof IP Dome with Facial Recognition | |
| **Properties** | **Norms** |
| **Video Analytic** | |
| Artificial Intelligence | Face Recognition, Edge computing ,serverless ,10000 people |
| Traditional | Motion Detection, Tampering Alarm |
| **Platform** | |
| Processor | Qualcomm SD650 |
| Memory | 2GB RAM / 8GB Flash |
| Operation System | Android |
| **Camera** | |
| Image Sensor | 1/2.5" progressive scan low lux CMOS |
| Lens | Varifocal Lens, F/1.4(W) , 106° ~ 42° |
| Minimum Illumination | Color : 0.05 Lux, B/W : 0.04 Lux, IR : 0 Lux |
| **Streaming** | |
| Maximum Frame Rate | 30 FPS @ 3840x2160 |
| Video Codec | H.265, H.264 |
| Audio Codec | G.711, AAC (optional) |
| **Network** | |
| Ethernet | RJ-45 for Network |
| Protocols | TCP, UDP, DHCP, DDNS, HTTP, HTTPS, NTP, RTSP, SMTP |
| Interoperability | ONVIF, RESTful API |
| **Connector** | |
| Power | PoE IEEE 802.3at, DC12V Terminal block |
| Audio | Line-in / Line-out |
| Digital Input / Output | 1 Input (Dry Contact), 1 Outputs (Wet Contact) |
| **General** | |
| Environment Temperature – Start-up | -20 °C ~ 50 °C (-4 °F ~ 122 °F) |
| Environment Temperature – Operation | -30 °C ~ 50 °C (-22 °F ~ 122 °F) |
| Humidity | 10% to 90% (no condensation) |
| Storage | Micro SD card slot (SD/SDHC/SDXC/UHS-I, Class 10) |
| Dimensions | ø160 x 108.4 mm (6.2 x 4.27") |
| Weight | 1.2kg (2.64 lb) |
| Regulatory | CE, FCC, RCM, LVD, RoHS compliant |