

# Face Recognition Smart Bar



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uniview



# **Portable** Intelligent Analyse Device

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- Key Feature
- Solution and Highlight
- Application
- Product Selection

# Key Feature

## Spec & Performance

- **Multi Channel**

Support 4-channel real-time face comparison

- **Multi Database**

Support up to **5 face database**, including black/white list. Up to **2000 human face**,

- **Multi Business**

Video surveillance & Face Recognition can work simultaneously

- **High Accuracy**

Professional deep learning algorithm, high recognition rate



## UIA1000

## Appearance & Transmission

- **Smart & Handy**

Common u disk size appearance, can held by hand

Small size, not taking too space

Size : 89.3mmx21.0mmx9.8mm

- **High Transmission Rate**

Support **usb3.0**, 10 times transmission rate  
data real-time high

Small Delay

A **“Magical”** device

Turn normal NVR into Face Recognition NVR



# Solution Topology

IPC+NVR can realize face recognition service without additional platform and server

Simple Product  
Easy Solution

## Solution Composition



Face  
Detect  
Camera

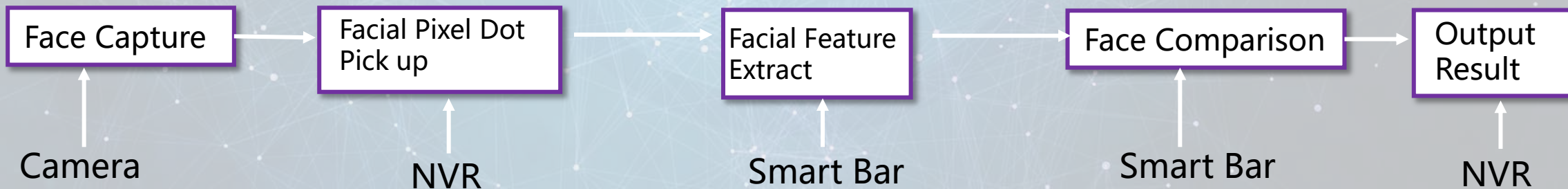


NVR



Smart  
Bar

## Solution Progress



# Highlight

NVR GUI with **"Face recognition"** interface, can display real-time results according to preconfigured "Black, white list"

Live video, up to 4 channels display

The screenshot displays the NVR GUI's face recognition interface. At the top, there are tabs for '人脸识别' (Face Recognition), '人脸名单' (Face List), and '报警布控' (Alarm Control). Below these, a sidebar on the left shows a list of channels, with '奔跑吧字视' (Run, Run, Run) selected. The main area features a large live video feed of two people running, with their faces obscured by white boxes. To the right of the video, a '抓拍记录' (Snapshot Record) section shows four captured face images with timestamps: 2017-11-12 09:32:47, 2017-11-12 09:32:45, 2017-11-12 09:31:33, and 2017-11-12 09:31:33. Below the video and snapshots, there are tabs for '黑名单报警' (Black List Alarm) and '白名单报警' (White List Alarm). A '比对信息' (Comparison Information) section shows two face images being compared. At the bottom, a '报警记录' (Alarm Record) table lists the detected faces with their details.

报警时间	姓名	年龄	性别	籍贯	相似度	摄像机	证件
2017-11-12 09:32:47	**莹	26	女	浙江	95%	D1	身份
2017-11-12 09:31:33	**娥	25	女	浙江	94%	D1	身份
2017-11-12 09:31:33	**娥	25	女	浙江	95%	D1	身份

Real-time face capture can display up to 4 pieces of facial snapshot

Real-time face compare and alarm  
(display name, gender, age, similarity, etc.)





# Highlight

Multi-angle capture  
and  
Multi-region sampling

For **High Accuracy**



Close Eyes



Black-Rimmed  
Frame



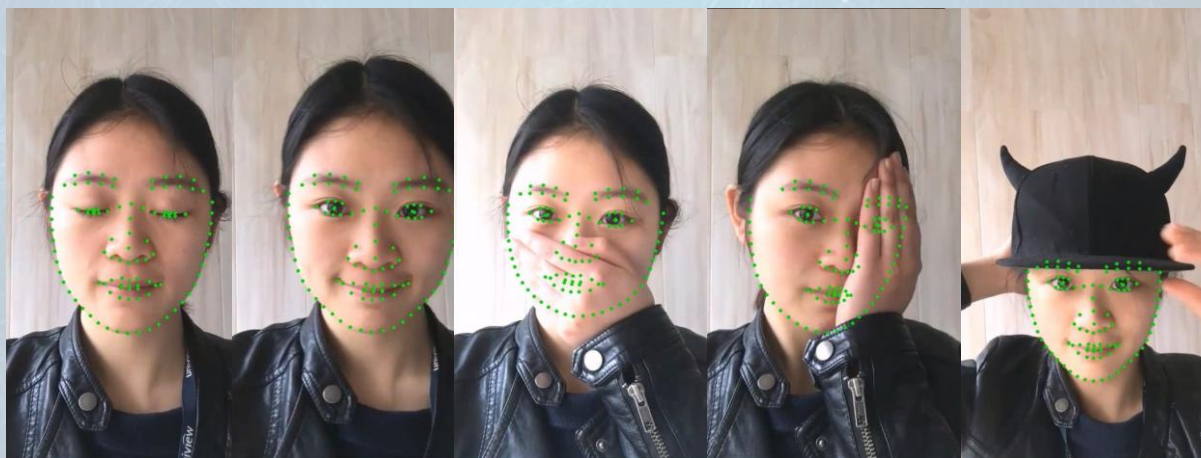
Look down



Wearing Mask



Low Light



**Multi-area Facial Sampling, Automatic Track Face Tracking**, guarantee facial recognition accuracy

# Highlight

For scenarios like supermarkets and shop , smart bar can be used with various NVR providing best and cost-effective face recognition solution.

—— High Flexibility



2 SATA NVR

or



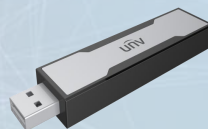
4 SATA NVR

or



8 SATA NVR

+



+



+



**3 Solutions**



# Application---Supermarket, Hotel, Club, etc.



Hotel



Club



Store



Supermarket

- Face recognition systems can be deployed in hotels, clubs, and stores. **White lists** can be used to quickly identify **"VIP customers"**, provide high-quality services.
- Through **Blacklists**, you can identify **"Thief"** in time, remind security guards to deal with them, protect property security.





# Application---Building, Business Park etc.



Warehouse



Confidential Archive Room

- Face recognition system can be deployed at the entrance of the important warehouse and the confidential archive room to control the internal personnel. Through the deployment of black and white lists, unauthorized personnel can be quickly identified, and the security can be notified in time to ensure the security of property and information.



# Product Selection



## Camera Recommend

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IPC262ER9-X10DU

IPC562E-DUG(Lens:  
LENS-DM3816D-3M-NB)

## NVR Recommend

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NVR302-09/16E-B

NVR302-08/16E-P8-B

NVR302-16E-P16-B

NVR304-16/32E(P)-B

NVR308-16/32/64E-B

NVR308-32/64R-B







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THANKS