



Local Storage

- Supports up to 128 Gb
- Accessible via free App



Powerful Chipset

- CPU equivalent to smartphone devices
- Edge computation technology
- Real-time object detection
- 256-bit encryption



Cloud Services

- Supports unlimited video storage
- Supports video + sound analytics



Tranwo Biometric Cam use revolutionary technology that combines Edge computing with Cloud analytics. Instead of making compromises, we take the best from each worlds.

Edge computing is considered an emerging technology that in the future will have a radical impact on all IoT and smart devices.

It represents a processing power that allows devices to perform complex AI algorithms locally, without the need to transmit data to a cloud or computer processor.

Product Features

- Voice Print Technology
- Fire Warning
- Human Detection
- Vehicle Detection
- Fast Facial Recognition
- 1080p FHD Wi-Fi Camera
- IP66 Weather Resistant
- Two-Way Communication
- Crystal Clear Night Vision
- Human Voice Greeting
- Motion & Audio Triggered Notifications
- 256-bit Military Grade Encryption



Product Specification

SPEC	Description
Encryption Technologies	256-bit
Zoom	Digital 4x
Field of view (FOV)	95° (diagonal)
Fixed lens	EFL 3.6 mm/ F1.8
Streaming quality	automatically adjusted
Professional Day/Night Vision	professional ICR module with 4 IR LEDs
Wireless	Wi-Fi 2.4GHz 802.11 b/g/n
Antenna	Monopole Antenna x 2
Ethernet	RJ-45 (10/100BASE-T)
RJ45 Cable	Cat. 5E UTP , ouside PE cover
PoE Support	IEEE 802.3af
Video compression	H.264
Video resolution	1080p, 720p, 480p, 360p
Frame rate	1920 x 1080 up to 30 fps
Image sensor	1/2.7" CMOS
Speaker	1W
Microphone	Omni-directional
Network protocol	TCP/IP, UDP/IP, HTTP/HTTPS, DHCP, NTP, WPS
Local storage	Micro SD Card (max:128GB)
NAS support	SMB/CIFS
Tranwo Cloud	3-day alerts cloud storage
PC Browser Support	Tranwo Live , Firefox / Google
OS requirements for app	iOS: 10.0 and up/Android: 5.0 and up
Google Services link	Yes
Power Supply Support	Adaptor , AC 100V ~ 240V (12V/1A DC)
Ambient operating temperature	-20 ~ 60 °C
Waterproof level	IP66
AI Computing	Edge Computing 0.3T
Reset button	Yes



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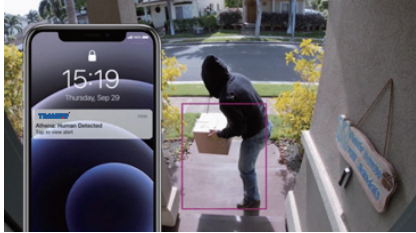
Biometric Camera

OUTDOOR



Time Matters

It's natural to want to monitor the activity that happens inside or outside of your home, and it's essential that you are promptly notified when any such activity occurs. Thanks to Tranwo Biometric Cam powerful mbedded CPU and edge computing technology that enables real-time fire, human and vehicle detection, you will receive instant alerts of the things that matter most.



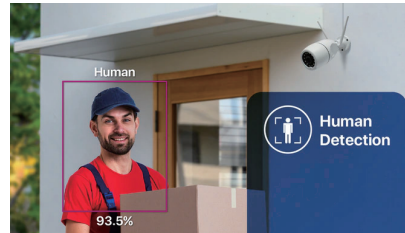
Facial Recognition

You can use the Quick Learning function to tag the faces directly from the notification, training the camera to recognize that face in the future. The camera can recognize faces up to 10 feet away.



Enable human detection to eliminate false alarms triggered by flying insects, moving pet, or other objects.

By mounting your camera in front of your house, you can be notified immediately whenever a person approaches your property. Tranwo Biometric Cam can spot humans up to 50 feet away!



Take immediate action when fire is spotted.

Using a similar technology to voice print, our product is also able to recognize various sounds. For home security, we narrowed it down to the sounds of glass shattering and smoke detector alarm. This way, we strive to reduce false alarms and revolutionize today's homeland security.



Have you ever wondered what your pet is up to when you're not around?

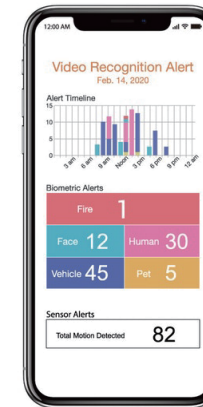
Tranwo Biometric Cam can identify dogs, cats, and birds up to 20 feet away! The pet owner will be informed of what the camera is seeing directly from a notification on the phone.



- Tranwo APP -

Download free Tranwo app available both for Android and iOS devices.

We constantly work on UI improvements and adding new functionalities to our app

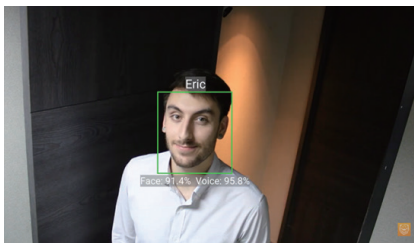


- Design**
Display categorized alert types based on artificial intelligence analytics.
- Real-Time**
Fires, faces, humans, vehicles, pets, etc, alerts are updated in real time.
- Innovation**
Tranwo is the first to offer biometric analytics solutions to security market.
- Biometrics**
Each biometric alert can be instantly downloaded from app UI.



Enhance security with the patent-pending voice print technology.

Voice Print increases the level of accuracy in identification. When paired with facial recognition, Voice Print is capable of identifying human voices and differentiating between users. Tranwo Biometric Cam is able to talk to people so when it recognizes house owners, it will say "Hello".



Be alerted of suspicious vehicles on your property.

You can be notified immediately whenever a vehicle approaches your driveway. Tranwo Biometric Cam can spot vehicles up to 75 feet away!



- What do we excel at ? -

	TRANWO	Ring	Arlo	Nest
Best Privacy Protection with 256-bit Encryption Technology	Yes	NO	NO	NO
Edge Computing Technology	Yes	NO	NO	NO
Fire Warning Support	Yes	NO	NO	NO
Heat Map & Path Tracking	Yes	NO	NO	NO
Unlimited Cloud Storage up to 365 Days	Yes	NO	NO	NO
Industrial Grade Material (-140F ~ 40F, IP66)	Yes	NO	NO	NO