



## HERO - TOW

Face Recognition Time Attendance and Access Control Terminal

*The Power of Innovation*

## Specifications

Muti language	Support 20 national languages and voices including English -Spanish -Arabic -Thai -Farsi -Portuguese -French -Italian -Japanese -Korean -etc
Automatic fill light	Support infrared fill light, the white fill light automatically lights up when face is captured in dark light
Installation Way	Standard: Wall mount, desktop stand; Optional: bracket for turnstile, floor stand
Dimension	187.5*87.5*26mm

USA  
TECHNOLOGY & DESIGN

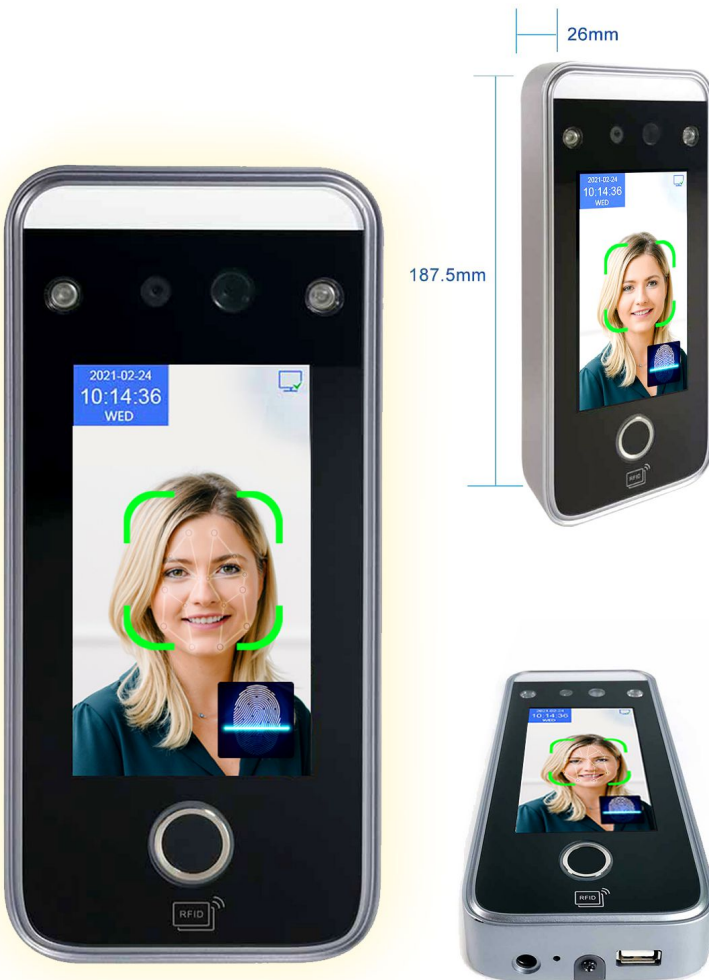


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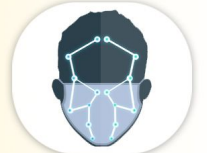


**USA**  
TECHNOLOGY & DESIGN

- ✓ 4.3 Inch IPS Touch Screen, HD
- ✓ Wifi / QR Code / Mask Detection
- ✓ Face recognition, Fingerprint password, ID card
- ✓ Face capacity 50000
- ✓ Fingerprint Capacity 100000
- ✓ Multi user(at most 5 users) recognition at same time
- ✓ 1GB/RAM - 8G/ROM
- ✓ Logs Capacity / 500K -to 5M



**AIM HIGHER**



**MODEL NO.**

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[WWW.HERO-TECH.US](http://WWW.HERO-TECH.US)



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## Specifications

<b>Product name</b>	HERO - TOW Face Recognition Time Attendance and Access Control Terminal
<b>Screen</b>	4.3inch Touch Screen, 272*480
<b>Keypad</b>	Touch keypad
<b>Operation system</b>	LINUX 3.10
<b>CPU</b>	1.2G Dual-Core ARM Cortex-A7
<b>NPU</b>	1.2T
<b>RAM</b>	1GB
<b>ROM</b>	8G
<b>Binocular camera</b>	Real Sensor 1/2.9 inch FOV 75° 2MP pixel high-definition color camera WDR wide dynamic Sensor 1/5 inch FOV 75°2MP pixel infrared live camera
<b>Live detection</b>	Dynamic dual-camera anti-counterfeiting, to prevent all kinds of black-and-white, color photos and videos from deception
<b>Verification</b>	Face recognition, Fingerprint password, ID card (IC Card optional)
<b>Face capacity</b>	50000
<b>Fingerprint Capacity</b>	100000
<b>Card Capacity</b>	50000
<b>Password Capacity</b>	50000
<b>Logs Capacity</b>	500k -to m5



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## Specifications

Card Capacity	50000
Password Capacity	50000
Face Recognition Accuracy	99.70%
Recognition Speed	≤0.2s, support single user/multi user(at most 5 users) recognition at same time
Recognition Distance	0.5~2.5 meters (0.5~1.5 meters with live face recognition on)
Principle of Identification	Face algorithm technology of multi-task cascaded convolutional neural network based on. video stream for dynamic face detection, tracking and recognition
Power supply	DC12V 1A
Communication	TCP/IP, Wifi, USB disk
Access Control Interface	Door sensor, doorbell output, relay output, exit button, Wiegand in/out, Fire input
Access Control Function	Time zone, unlock group, user validity period, anti-pass back
QR Code Scanner	Support
Mask Detection	Support
Environmental adaptability	<ul style="list-style-type: none"><li>- Working temperature: 0~45°C</li><li>- Working humidity: 20% ~90%</li><li>- Dark enviroment: LEDSoft light automatic fill light (Automatic control according to ambient light)</li><li>- Ambient light adaptation range: 0-50000Lux</li></ul>
Working Current	stand-by current: 310mA , Working current: 520mA