

eCLEAR ACCESS CONTROL CAMERA

FACE RECOGNITION/TEMPERATURE INDICATOR

Monitor access to restricted areas using temperature readings and facial recognition thanks to eConnect's eClear access control camera.

Thanks to its backlight management with its WDR and in conjunction with the Instant Face Recognition algorithm (500ms), you can have an accurate face reading and avoid false alarms. Detection can be done even if using a face mask. Register up to 22,400 faces in the database. The camera will issue an audible alert if a person's temperature is too high.

www.econnectglobal.com
Ph: 702-523-8786

Certifications



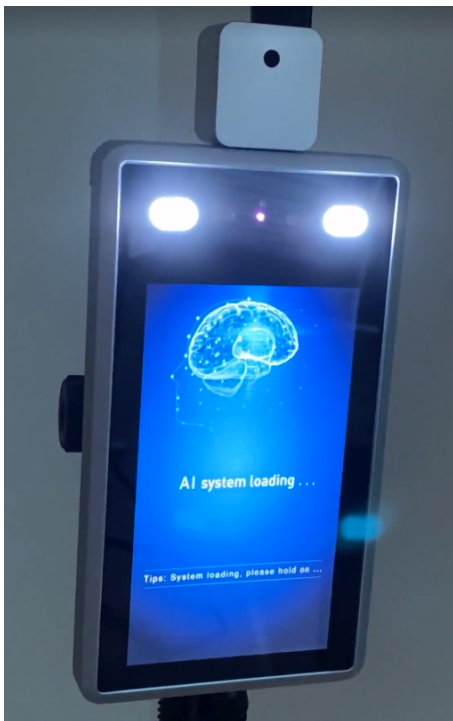
ISO 9001:2015
Certificate



Schedule 84
Contract N GS-07F-246BA

eClear Feature Comparison at a Glance

ECLEAR FEATURE COMPARISON	eClear	eClear + eConnect Analytics	eClear + eConnect Analytics + Facial Recognition
Temperature Checks	✓	✓	✓
Face Match	✓	✓	✓
Mask Verification	✓	✓	✓
Access Control	✓	✓	✓
Time Clock Integration	✓	✓	✓
Case Manager		✓	✓
POS Integration		✓	✓
CMS Integration		✓	✓
Notifications		✓	✓
List Based Exclusions			✓
AML			✓



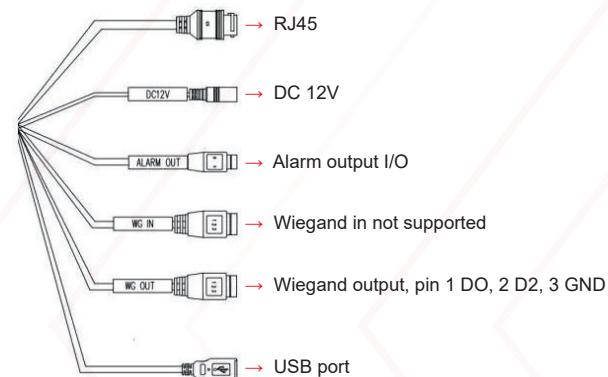
FEATURES

- Automatic no-contact temperature reading & face recognition efficient and effective
- Temperature range: 86-113°F ± 0.65°F accuracy
- Detecting people without wearing mask, push alarm message
- Can set high temperature alarm
- Support temperature data SDK and HTTP protocol integration with third party platform
- Support information auto log, no extra manual operation needed
- Professional face recognition algorithm with high accuracy, recognition time <500ms
- Support wide dynamic ≥ 80dB, can adjust exposure on moving object to get a clear image under strong backlight environment
- Linux operating system, reliable and stable
- Windows/Linux SDK and HTTP protocol
- 8 inch IPS high resolution display
- MTBF > 50.000H
- Support 22.400 faces database and 100.000 face recognition records
- Support anti-fog, 3D noise reduction, BLC, stabilizer, and different white balance to fit for different application requirements
- Support speaker (human temperature normal/high alarm, face recognition result)

eClear SPECIFICATIONS

Hardware	
Chipset	Hi3516DV300
System	Linux operation system
RAM	16G EMMC
Image sensor	1/2.7" CMOS
Lens	4mm
Camera parameters	
Effective pixel	2MP, 1920*1080
Min. Lux	Color 0.01Lux @F1.2 (ICR) B/W 0.001Lux @F1.2
SNR	≥50db(AGC OFF)
WDR	≥80db
Face recognition	
Height	1.2 - 2.2, angle adjustable
Distance	0.5 - 3 meters
View angle	Vertical ±30°
Reco. Time	<500ms
Function	Support 22.400 faces database and 100.000 records
Temperature	
Range	86-113 °F
Accuracy	±0.65 °F
Distance	0.3 - 0.8 meters
Response time	<300ms
Interface	
Internal interface	RJ45 10M/100M Ethernet
Weigand port	Support input/output 26 and 34
Alarm output	1ch relay output
USB port	1 USB port (can be connected to ID identifier)
General	
Power input	DC 12V/3A
Power consumption	20W(MAX)
Working temperature	32°F ~ 122°C
Humidity	5 ~ 90%, no condense
Dimension	154mm (W) * 89mm (H) * 361.4mm (L)
Weight	2.1kg

INTERFACE



DIMENSIONS

