

BEAT-19

DATASHEET



OVERVIEW

Blimp's Head-Counter is the leading solution to certify the application of Covid-19 containment measures and notify any non-compliance event in real-time to optimize intervention and maximize people safety.

The device runs a complex video processing algorithm that analyzes streams of images captured by the camera. The resulting analytics are anonymized and aggregated to comply to the privacy regulation.

The audience data can be accessed in real-time via a dedicated API or visualized inside Blimp's Analytics dashboard.

SIDE



FRONT

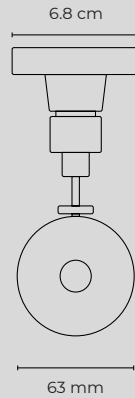
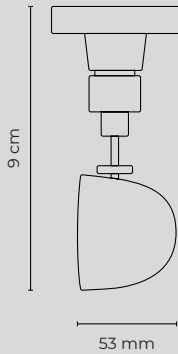


KEY BENEFITS

- Long range people detection: up to 60 meters in indoor and outdoor environments
- Quick local computation: data transmitted every 2.5 second
- Low bandwidth: only metadata is transmitted
- Privacy compliant: no images are stored locally and no uniquely identifiable data is communicated externally
- Intuitive dashboard for data visualization
- Fast configuration: easy tool to verify that the camera is capturing the area of interest
- Easy IT integration: third-party applications can leverage the Socket port and WebSockets to react to the audience in real-time

KEY FEATURES

- People counting: monitors inbound and outbound people flows to ensure that location's maximum capacity is not exceeded
- Social distancing: detects people gatherings where safety distances are not respected
- PPE certification: detects any person not wearing the face mask
- API suite to create custom applications based on real-time data
- Report export generated in automatic through Blimp's Analytics dashboard
- Easy to install and setup



KEY SPECIFICATIONS

Power Specifications

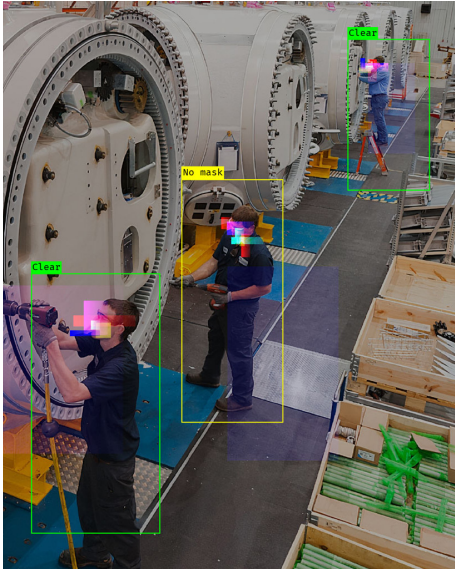
Power to device*	DC 5V - 4A
Consumption	8W avg - 15W peak

Key Specifications

Device dimension (split version)	Main Case: 240 x 120 x 100mm Camera: 70 x 70 x 70mm
Weight	Board: 125g Camera: 30g
Camera	USB 8MP
Field of view	33° to 180°
Ideal illumination	300 lux
Ideal mounting height	2.7m for 36m ² area
Operating temp (°C)	-25°C to 70°C
Housing**	Plastic
IP rating	67
Speaker	Jask cable
Networking	Wi-fi, 3G, Ethernet
Data delivery	TCP/IP
Data transmission	2.5 sec
Monthly data usage	Max 200MB
Supported browsers for UA Dashboard	Chrome, Firefox, Microsoft Edge

*Device is provided with a power supply that converts power from AC 220V to DC requirements

**Housing can be customized to client needs



INDOOR

Regulates the inbound flow of people and certifies that virus containment measures are correctly adopted inside the location. The solution is available to shops, banks, offices, airports, stations, museums, production plants and many more.



OUTDOOR

Monitors flows of people, detects and notifies people gatherings to the control room. The solution is available to municipalities and PA to monitor green areas, monuments, squares and streets.



Via San Martino 12
Milano 20122
Italy

t +390245902000
e blimp@blimp.it
p.iva 1008565096