



### Aether Camera Specification

Device Dimensions	H = 964 – 1114mm W = 150mm
Weight	5.5Kg
Reading Distance (Metres)	Variable up to 1m
Camera Resolution	752 x 468
Angle of view (per camera)	90° Vertical 56° Horizontal
Image Captured	Near Infrared
PC Spec	ATOM D510 or faster Recommended 1.4GHz Dual Core
Communication	USB2.0 Connection
Installation	Desk or Wall mount options available
Input Voltage	230v 50Hz
Power Usage/Compatibility	12v @ 1000mA Camera USB powered (110mA)
Camera Tolerances	<p><b>Glasses</b> – Able to enrol people with glasses on in most circumstances, however there are some instances where the user may have to remove them.</p> <p><b>Background Distortion</b> – Providing the user is within the required range, verification/identification can be established</p> <p><b>Facial Features</b> – As long as the camera can focus on the two eye sockets, verification is possible. If there is hair in front of the eyes, or if a user is wearing a cap low over their face, rejection may occur</p>
Notes	The Aether units can be provided with different fixings and heights appropriate for floor-standing, desk-mounted or wall-mounted. The extended field of view of the dual unit is designed to capture a range of subject heights from tall adults to children and wheelchair users. The single unit is designed to capture adults and children from about 11 years of age. The unit heights can be customised for the specific requirements of a known demographic at the time of placing an order.

### AIR Engine Infrared Specification

Failure to Enrol Rate (%)	0% - 0.99% depending on quality settings
False Acceptance Rate (%)	0% - 0.0125% depending on threshold setting
False Rejection Rate (%)	0% - 2.3% depending on user experience
Enrolment Speed (Sec)	4 – 8 Seconds
Validation Speed (Sec)	50% of validation in less than 1 second 80% of validation in less than 2 seconds
Biometric Template Size (KB)	6.3KB minimum setting (per person) 31.5KB default setting (per person)
Maximum Verifications/Database Size	Unlimited

## Aether Camera Unit Dimensions

