

FIC 150 Product Data Sheet

A Face4 Image Capture (FIC) Product

The FIC 150 is one of a family of Face4 Image Capture Units that are designed to capture high quality face images suitable for printing on secure documents and for biometric comparison using face recognition technology.

The FIC 150 is a rugged, reliable, self-contained 5 mega pixel camera system for capturing high quality face images for biometric enrollment or identity verification in public and high usage applications.

When deployed in combination with our recommended software, it captures images and confirms quality compliance and suitability very quickly with minimal operator action.

The FIC 150 standard height unit is shown below in front and back views.



FIC 150 Front



FIC 150 Rear

The FIC 150 consists of the upper light module that is common to all FIC series cameras and the camera module. As shown, the FIC 150 stands 305 mm high with the camera center line 65 mm from the counter. A separate stand can be purchased to extend the height of the camera.

Product Features

- Camera: CMOS 5 MP (2592 x1944), colour
- Lens: fixed focus or electronic focus controllable liquid auto focus
- Light: Variable intensity long life white LED light – adapts light intensity to light conditions on face
- Capture Zone: 2' to 5' from camera
- Housing: Fully enclosed, rugged extruded Aluminum, powder coat black finish, bolt down base
- Optional Stand: 100 mm, 200 mm, 300 mm, 400 mm, 500 mm and custom heights.
- Signal: USB2 with 6 ft cable
- Power: External power supply 100-240 vac 2A, 50/60hz with 6 ft cable
- Maintenance: modular design for easy maintenance



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Camera Specifications

Camera mega pixels	5.0
Resolution	2592 x 1944 (5.0MP) 2.2µm square pixels
Frame Rate	15 (Camera) 7 (FIC 150)
Optical Format	1/2.5"
Sensor Type	CMOS
Sensor Orientation	Portrait
Color / Mono	Color
Sensitivity	High
Dynamic Range	60 dB
Auto Exposure	Automatic/Manual
White Balance	Automatic/Manual
Operating Temperature	0C to +50C
Lens Mount	12 mm
Compliance	FCC Class B, CE & RoHS

Light Specifications

Light Characteristic	Color temperature 4500K (White)
Light Output	0 to 900 Lumens
Illumination	150 Lux on center at 1.5m distance
Light Distribution	80 degrees total included angle measured at FWHM (Full width half maximum)
Programmable	Yes

FIC 1 Series Specifications

Housing	Extruded Al housing with machined Al base, cap and transition pieces. Clear PVC cover for light and optical glass for camera window. Removable camera window to facilitate focus adjustment and camera alignment. Four holes for bolt or screw fixing in place. Recommend tamper resistant heads.
Dimensions	Enclosure: 73.5 mm width, 91.6 mm depth, 305 mm height or higher depending on stand selected for requirements; Base: 103 mm width, 132 mm depth
USB	USB 2.0 input, internal USB 2 - 4 port hub provides for light and camera
Power	15v dc, one external universal power supply input 100-240vac, 50-60hz provided with 2m cable.
Certifications	CSA, FCC and C-tick (in progress)