



XFACE M

The face recognition reader

XFace M is the face recognition reader compatible with the AxesTMC terminals and with the XAtlas access control software.

XFace M is the reader compatible with the AxesTMC terminals, designed for facial recognition which, based on a sophisticated algorithm, is performed locally, within the device. The reflective surface makes it easy to position the face without using a display. With an IP55 protection rating, the device can be used outdoors as well. The recognition result will be sent to Master via RS485 SPP or via Ethernet, if entered into the XAtlas system.

OPERATION WITH TERMINALS OR CONTROLLERS (RS485 CONNECTION)

As mentioned previously, face recognition occurs locally, within the device. The result of the recognition is sent via RS485 SPP to the Master device (terminal or controller), exactly as it happens for other AxesTMC readers. The LED bars of XFace M are controlled by the Master device that will turn them into green or red based on the presence or absence of user authorisation. The registration of new faces is performed securely by uploading the photos in jpg format into a folder in the XFace M memory. The enrolment can also be made via web, by means of the XFace M web server, which provides a special procedure.

OPERATION IN XATLAS SYSTEM V24 AND LATER

(ETHERNET CONNECTION)

1. The enrolment can be made via XAtlas which then sends the photos to XFace M.
2. XFace M performs the recognition locally using the photos received from XAtlas via Ethernet.
3. Once the user is recognised, XFace M sends the relevant code to the Field Manager

TECHNICAL SPECIFICATIONS

MAIN SPECIFICATIONS	<ul style="list-style-type: none">• Raspberry 4 with 4 GB RAM• Reflective surface for correct positioning of the face - no display• RGB LEDs controllable by the Master device• Speaker for sounds• Ethernet, native POE• 2 Mpx video camera, thermal scanner and IR illuminator• IP65 protection rating
COMPATIBILITY	XFACE M can be installed on all AxesTMC terminals
POWER SUPPLY	POE or external DC power supplier
SIZE	120x130x52 – HxLxD
OTHER INFORMATION	Turnstile brackets are provided as well, to allow X3 to be mounted with XFaceM. In order to install only XFace M, it is enough to use the same bracket for the X3 turnstile

| Application example of XFace M on X3 terminal

