AudioMount with integrated microphone and speaker
(can, e.g., be used as an intercom solution)

- Mx6 system platform with H.264 support
- Includes MxAnalytics video analysis tools out-of-the-box
- Recording on internal MicroSD card (SDXC, SDHC installed)
- Audio connectors for microphone and speaker integrated
- Sensor for temperature integrated
- Weatherproof and robust camera housing (IP66, IK07)

Hemispheric 6MP Camera with Day or Night Image Sensor for Concealed Installation

MOBOTIX 6MP camera for concealed installation in indoor and outdoor applications, available as S26 Flex with lens B016 and Day or Night image sensor.

More information:
www.mobotix.com > Products > Outdoor Cameras > Flex S26

Mx-S26
32.839-002_EN_09/2017

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S26 Standard Delivery

Standard Delivery		
Item	Count	Part Name
1.3	1	Dome (installed)
1.4	1	Housing cover for S26 (installed)
1.5	3	Stainless steel Allen screw with flat head M4x8 mm (installed)
1.6	1	Sealing plug (installed)
1.7	1	Sealing plug blue, small (sensor modules, USB, mounted)
1.8	1	Sealing plug blue, large (Ethernet patch cable, mounted)
1.9	1	Cable lock with bayonet catch (Ethernet patch cable, mounted)
1.10	1	Eight-wire plug, white (Ethernet installation cable, microphone, speaker)
1.11	1	MicroSD card pre-installed (SDXC)
1.12	1	Threaded plug for SD card, blue (mounted)
1.13	1	Ethernet patch cable, 50 cm/19.7 in with sealing

Mounting Supplies		
Item	Count	Part Name
M.1	4	Stainless steel washers dia. 4.3 mm
M.2	4	Dowels 6 mm
M.3	4	Stainless steel wood screws with hex head 4x40 mm
M.4	2	Cable plug 5 to 7 mm, white (Ethernet installation cable)
M.5	1	Cable plug 3 to 5 mm, white (Ethernet installation cable)
M.6	1	Allen wrench 2.5 mm
M.7	1	Lens wrench (lens, dome)
M.8	1	Module wrench (sensor module, glass cover/filter insert)
M.9	1	Cable tie (Ethernet installation cable, microphone, speaker)
M.10	1	Screwdriver (terminals)

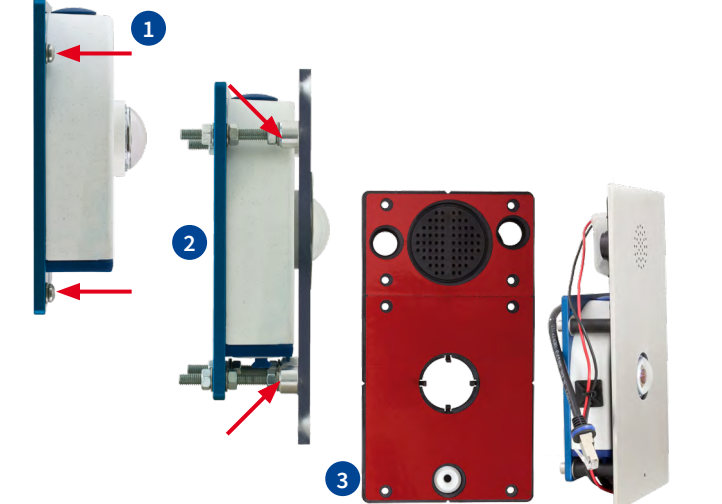| Standard Delivery		
Item	Count	Part Name
1.1	1	Camera housing (with base plate)
1.2	1	Lens B016 (installed)

Mounting the Camera

1. Installation Using the Base Plate

Attach the camera using the supplied or other screws by affixing the base plate to a suitable material ① (see «Drilling Template» on page 2).

Note that you can also install the S26 behind faceplates of up to 6.4 mm/0.25 in thickness using stud bolts ② (see «Drilling Template» on page 2).

2. Installation With AudioMount (Accessory)

Using the self-adhesive AudioMount ③, you can install the S26 as an intercom solution. This is explained in the product documentation «Quick Install AudioMount» (suitable drilling template is supplied).
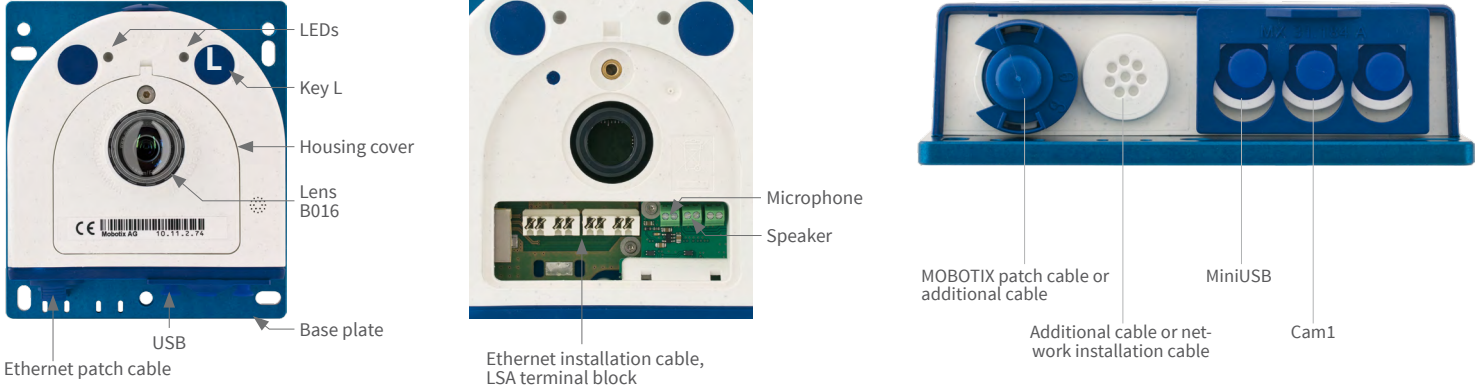

Notes:
- Due to the missing MxBus connection, this camera model cannot be installed as a fully-fledged door station with connected MxBus modules and corresponding remote stations.
- For the realization of an intercom solution, switching inputs and outputs can be used via a USB-connected MX-232-IO-Box. In this case, the processing of the switching input signals (e. g., from a bell) and the switching outputs (e. g., for a door release) is carried out internally via the available standard mechanisms (e. g., events and network messages). Autoconfiguration and other door station functions are not available.

Connections and Initial Operation of the S26

You can find detailed information on the **installation** and **connections** of the S26 in the S15 Camera Manual for the **S15M** (PDF, available on **www.mobotix.com > Support > Manuals**).

Please note that the boot options of this camera have changed compared to its predecessor (see «Boot Options of the S26») and the camera only has one key ("L"). Regarding the rest of the **initial operation** of the S26, please see the S15 Camera Manual in Chapter 3, «Initial Operation».

In special situations, you can attach an external sensor module to the S26. In this case, you need to attach the external sensor module to the "Cam1" connector of the camera; then follow the instructions for attaching sensor modules to the S16. After configuring the external sensor module, the integrated image sensor of the S26 will be deactivated.

Inserting/Exchanging the SD Card

All camera models can use the integrated MicroSD card (SDHC) to record video data. In order to exchange the MicroSD card, please proceed as outlined in the following instruction. For information on reliable SD cards, please see the MOBOTIX website **www.mobotix.com > Support > MxMedia Library > Planning** in the document MicroSD Card Whitelist for MOBOTIX Cameras.

When replacing the SD card, make sure that recording has been deactivated in the browser (**Admin Menu > Storage > Storage on External File Server / Flash Device**; activate recording again in the same dialog).

1. Remove the SD card

Loosen the threaded plug at the top of the housing (using a suitable coin, for example) and remove the plug. Using tweezers, gently press the SD card into the slot (as indicated by the arrow) until you hear a **click**. The card is protruding slightly and can be easily removed with the tweezers.

2. Insert the SD card

Again using tweezers, insert the SD card as shown (contacts facing forward) into the card slot. Make sure that you hear a **click** again when pushing the card into the slot. The card is now locked and can be used. Insert the threaded plug again and tighten it using the coin.

Boot Options of the S26

By default, the camera starts as DHCP client and automatically tries to get an IP address from a DHCP server. To start the camera in a mode different from the default mode, you can activate the boot menu of the camera.

1. Preparing the Camera

- Disconnect the camera's power supply.
- Reconnect the power supply of the camera.

2. Activating the Boot Menu

The red LED lights up 5 to 10 seconds after establishing the power supply and will stay on for 10 seconds. Briefly press the key L indicated by the red circle in the figure. The camera enters the boot menu, ready for selecting one of the boot options.

The LED now flashes once and repeats the flash signal after pausing for one second (the number of flashes indicates the current boot option). To go to the next boot option, briefly press the key again (< 1 sec). After the last boot option, the camera returns to the first option (LED flashes once).

LED flashes	Boot Option	Meaning	Audio Confirmation*
1 x	Not used	Not available on this camera model.	—
2 x	Factory Defaults	Starts the camera with factory defaults (factory default IP address, users and passwords will not be reset).	Boing
3 x	Automatic IP Address	Starts the camera as DHCP client and tries to obtain an IP address from a DHCP server. If a DHCP server cannot be found or no IP address can be obtained, the camera starts with its factory default address.	Boing Boing
4 x	Recovery System	Starts the camera with the recovery system, e.g., in order to recover from a failed update of the camera software.	Alarm Sound

*Only on cameras with audio option and installed speaker.

3. Selecting a Boot Option

Press the key longer (> 2 sec) into the hole. The camera confirms the selection by flashing rapidly three times. After 20 sec, the camera will confirm the selection by playing a sound according to the table above.

If nothing is selected, the camera will resume its normal boot process after a certain time.

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Safety Warnings

Notes on Installing:

- This product must not be used in locations exposed to the dangers of explosion.
- Make sure that you install this product as outlined in *Chapter 2, «Installation»* of the corresponding manual. A faulty installation can damage the camera!
- When installing this product, make sure that you are only using genuine MOBOTIX parts and MOBOTIX connection cables.
- Only install this product on suitable, solid materials that provide for a sturdy installation of the fixing elements used.

Electrical installation: Electrical systems and equipment may only be installed, modified and maintained by a qualified electrician or under the direction and supervision of a qualified electrician in accordance with the applicable electrical guidelines. Make sure to properly set up all electrical connections.

Electrical surges: MOBOTIX cameras are protected against the effects of small electrical surges by numerous measures. These measures, however, cannot prevent the camera from being damaged when stronger electrical surges occur. Special care should be taken when installing the camera outside of buildings to ensure proper protection against **lightning**, since this also protects the building and the whole network infrastructure.

Never touch the lens: Due to the high performance of the S26, the area of the image sensor **can get quite hot**, especially when the ambient temperature is also high. This does not affect the proper functioning of the camera in any way. For this reason, the product must not be installed within the reach of persons without dome.

Power off before opening the camera: Make sure the power supply to the camera is disconnected before opening the camera housing (e.g., when exchanging the SD card or when opening the body to attach wires).

Network security: MOBOTIX products include all of the necessary configuration options for operation in Ethernet networks in compliance with data protection laws. The operator is responsible for the data protection concept across the entire system. The basic settings required to prevent misuse can be configured in the software and are password-protected. This prevents unauthorized parties from accessing these settings.

Legal Notes

Legal aspects of video and sound recording: You must comply with all data protection regulations for video and sound monitoring when using MOBOTIX products. Depending on national laws and the installation location of the S26, the recording of video and sound data may be subject to special documentation or it may be prohibited. All users of MOBOTIX products are therefore required to familiarize themselves with all applicable regulations and to comply with these laws. MOBOTIX AG is not liable for any illegal use of its products.

Disposal

Electrical and electronic products contain many valuable materials. For this reason, we recommend that you dispose of MOBOTIX products at the end of their service life in accordance with all legal requirements and regulations (or deposit these products at a municipal collection center). MOBOTIX products must not be disposed of in household waste! If the product contains a battery, please dispose of the battery separately (the corresponding product manuals contain specific directions if the product contains a battery).

Disclaimer

MOBOTIX AG does not assume any responsibility for damages, which are the result of improper use or failure to comply to the manuals or the applicable rules and regulations. Our **General Terms and Conditions** apply. You can download the current version of the General Terms and Conditions from our website at **www.mobotix.com** by clicking on the **COS** link at the bottom of every page.
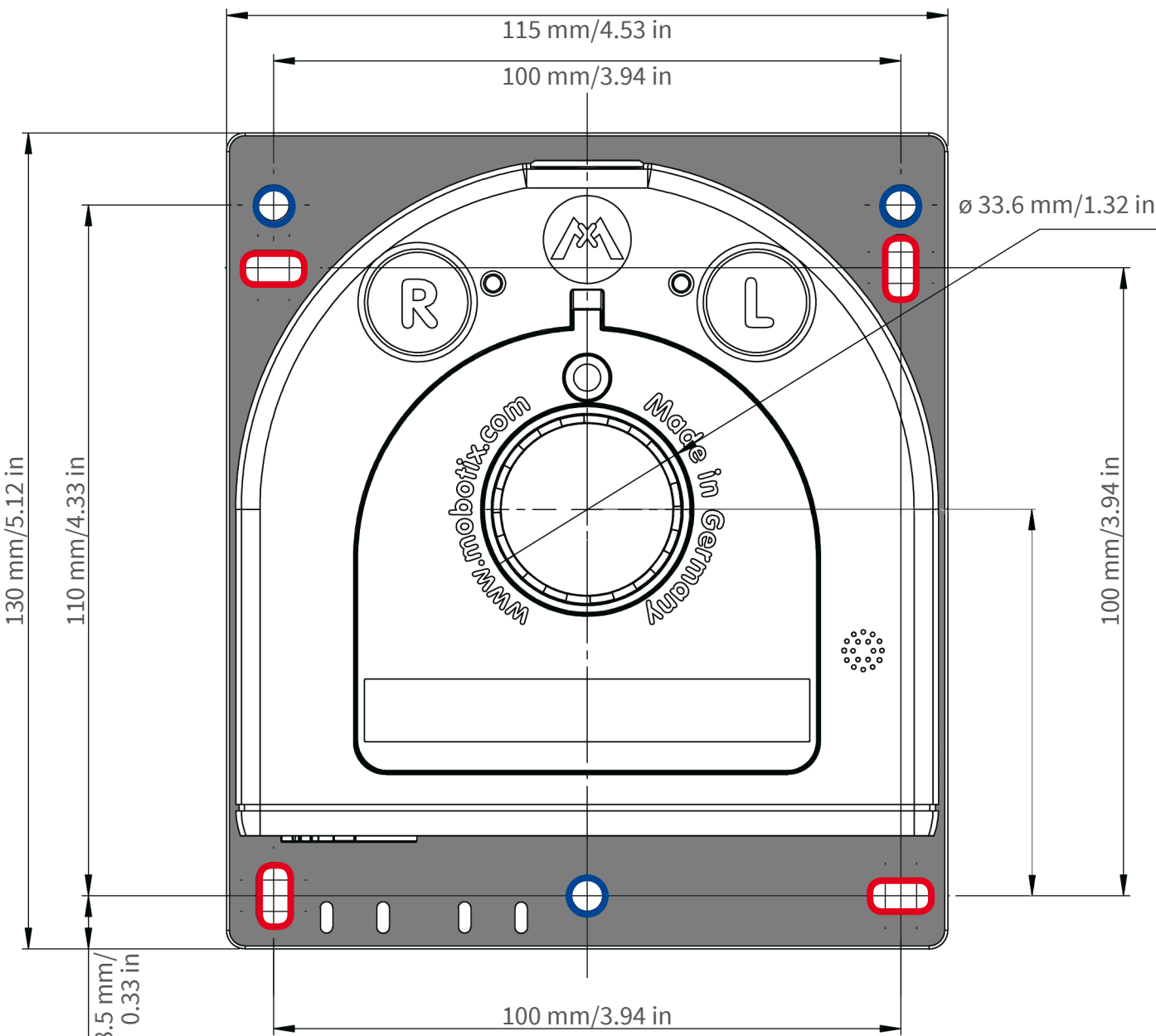

Technical Specifications S26

Model Variants	Mx-S26A-6D016 (daylight image sensor, color) Mx-S26A-6N016 (night image sensor, Black&White)
Lens Option	B016 (focal length 1.6 mm, f/2.0, image angle 180°x180°)
Sensitivity	• Color sensor (daylight): 0,1 lx @ 1/60s; 0,005 lx @ 1s • Black&White sensor (night): 0,02 lx @ 1/60s; 0,001 lx @ 1s
Image Sensor	1/1.8" CMOS, 6MP (3072x2048), Progressive Scan
Max. Image Size	6MP (3072x2048)
Image Formats	Freely configurable 4:3, 8:3, 16:9 or custom formats (image cropping), e.g., 2592x1944 (5MP), 2048x1536 (QXGA), 1920x1080 (Full-HD), 1280x960 (MEGA)
Max. Frame Rate	• MxPEG: 42@HD(1280x720), 34@Full-HD, 24@QXGA, 15@5Mp, 12@6MP • M-JPEG: 26@HD(1280x720), 13@Full-HD, 9@QXGA, 5@5Mp, 4@6MP • H.264: 25@Full-HD, 20@QXGA
Video Codec	• MxPEG, M-JPEG, JPEG (max. output size 6MP) • H.264 (max. output size QXGA, bandwidth limitation applicable)
DVR	• In the camera on MicroSD card (SDXC, SDHC pre-installed) • External, on USB device • External, on NAS • Separate live image and full image recording – MxFFS with archiving function • Pre- and post-alarm images • Automatic DVR monitoring with error notification
Software	MxManagementCenter
Image Processing	MxLEO, backlight compensation, automatic white balance, distortion correction
PTZ	Digital pan/tilt/zoom, continuous up to 8X

Alarm/Events	Temperature sensor, shock detector (with firmware version 5.0.1 and higher), additional sensors/IOs via MxMessageSystem, notification via e-mail, FTP, IP telephony (VoIP, SIP), visual/sound alarms, pre- and post-alarm images
Intelligent Video Analysis	MxActivitySensor, video motion analysis, MxAnalytics
Audio	• Ext. microphone/ext. speaker can be attached • Lip-synchronous audio, audio recording • VoIP/SIP telephony, intercom, remote controlling using key codes
Interfaces	Ethernet 100BaseT (MxRJ45), MiniUSB (MxMiniUSB), inputs/outputs and RS232 via accessories
Security	User/group management, HTTPS/SSL, IP address filter, IEEE 802.1x, intrusion detection, digital image signature, MxFFS
Certifications	EN55022:2010; EN55024:2010; EN50121-4:2006, EN61000-6-1:2007; EN 61000-6-2:2005, EN61000-6-3:2007+A1:2011, EN61000-6-4:2007+A1:2011, AS/ NZS CISPR22:2009+A1:2010, CFR47 FCC part15B
Power Supply	Power over Ethernet IEEE 802.3af
Power Consumption	Typ. 3.3 W
Protection Classes	IP66 IK07
Ambient Temperature	–30 to 60 °C/–22 to 140 °F
Dimensions/Weight	Width x height x depth: 115 x 130 x 48 mm/4.53 x 5.12 x 1.89 in; weight: approx. 457 g
Standard Delivery	Housing (high-resistance composite, PBT) white and base plate aluminum blue anodized, shock-resistant dome for lens B016, mounting supplies, mounting wrenches, 50 cm/20 in patch cable, software, MicroSD card (SDXC, SDHC installed)

Dimensions

Drilling Template

Manuals and drilling templates:
www.mobotix.com > Support > Manuals > IP Camera Systems > Flex S26

Declaration of Conformity: www.mobotix.com > Support > MxMedia Library > Certificates