



## STORM MEDIUM SECURITY CAM datasheet



Project: ONE A Café | Lighting design: ONE A

The STORM SYSTEM® collection is carefully designed to flush the surface of any ceiling or wall, and all products will appear with an absolute minimum of tolerance and visibility.

Storm Medium Security Cam is a motorized unit which elevates the included Cam – in and out of the ceiling, controlled by the main alarm system. With Storm Medium Security Cam you can enjoy the benefit of having an invisible alarm Cam, as they are only visible when the alarm system is on. Storm Medium Security Cam can be managed by various wired alarm systems.

## GENERAL DATA

### Collection

STORM SYSTEM®

### Product

Storm Medium Security Pir

### Article no.

- 1A01.1252.xx

## SPECIFICATIONS

### Weight

650 g

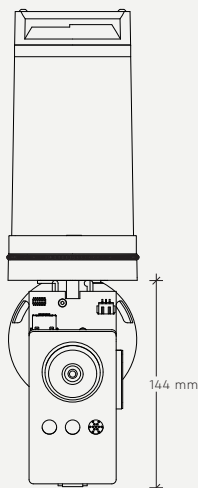
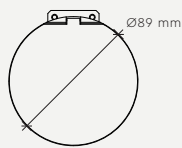
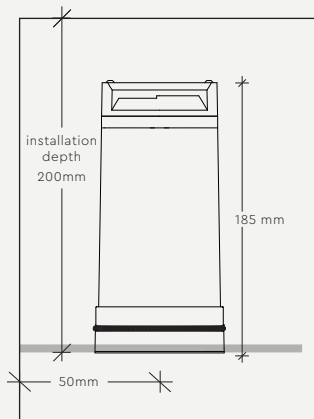
### Material

Aluminium, steel,  
polycarbonate and  
electronics

### IP protection grade

IP20

### Labelling



## ELECTRICAL SPECIFICATIONS

### Camera

AXIS M1065-L (included)

### Moter

12Vdc (9-30V)

stationary: 19mA @ 12V

moving: 420mA @ 12V

### CAM:

PoE (Type 1 Class 2, Typ. 2,7W, max. 4,8W)

### Ceiling height

2,3 - 3 m

ADDITIONAL REQUIREMENTS: (not included)

**INSTALLATION RINGS** – choose one of the installation rings below

- Storm Medium Plaster Ring – 1A01.0001.01
- Storm Medium Acoustic Adaptor – 1A01.0091.00
- Storm Medium Back-Mounted Ring – 1A01.0048.xx

## COLOUR CODES

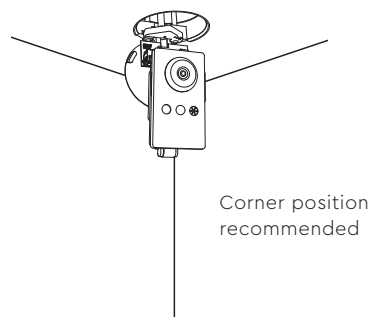
01 – White

92 – Black Pearl

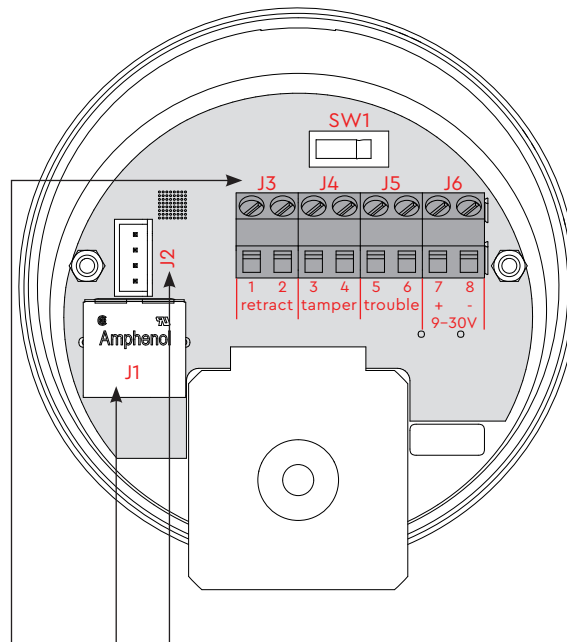
## NOTE

Storm Medium Security is a building part which include a standard camera form AXIS  
Installation must be supervised by alarm integrator who is responsible for correct  
installation.

The functionality of Storm Security provides the possibility to hide the detector inside  
the ceiling when the alarm is in off-mode. Due to the potential difference of tempera-  
ture within and out of the ceiling, it is recommended to allow 180 sec. exit delay time,  
after the detector has been in the outer position. Extend the exit delay time to reach  
an optimized sensitivity level and stabilize the temperature. The delay time can be less  
than described but will relate to the onsite conditions.



## WIRING OVERVIEW



CONNECTOR	PIN NR.	FUNCTION
J1		Data and power camera (POE)
J2		Motor connector
J3	retract - 1	Common
	retract - 2	0V = extend, 9-30V = retract
J4	3	Tamper Common
	4	Tamper signal from Storm Security CAM
J5	5	Trouble common
	6	Trouble signal, Closed = fully extended, Open = moving or trouble detected
J6	7	Positive supply voltage for Storm Security 9-30Vdc (19mA @12V, max 420mA @12V when moving)
	8	GND

Up and down signal (1+2) polarity of control does not matter. Retract signal: 9-30Vdc, 10Kohm input impedance (Note: this input must be controlled by either gold plated or solid state output, due to the low current)

Tamper signal (3+4) is normally closed (shorted), in case of tamper detection, the tamper signal will be open.

Trouble signal (5+6) indicated the status of the Storm Security device, only when the unit is fully extended and everything is OK, will the trouble terminals change to the closed (shorted) state. While the unit is retracted or moving the trouble terminals will be open.



#### COMPONENTS

- Storm Medium Security CAM
  - Housing unit
  - Camera
  - allen key

#### PLEASE NOTE:

If the spring on the fixture is damaged, do not proceed installation – contact your dealer

#### IMPORTANT INFORMATION

Installation and mounting must be performed by a certified electrician only, and instructions must be followed. Always make sure the main power is off during installation. Pay attention to the fixture remarks, and always make sure to use the correct voltage.

#### CLEANING AND MAINTENANCE:

Use a soft moist cloth for cleaning. No further maintenance is required.

#### WARRANTY:

If the product is defect, please contact your supplier immediately. Please note that warranty will not apply in case of wrongful use or if unskilled personnel attempts to repair.



The crossed-out wheeled bin symbol indicates that the item should be disposed of separately from household waste. The item should be handed in for recycling in accordance with local environmental regulations for waste disposal

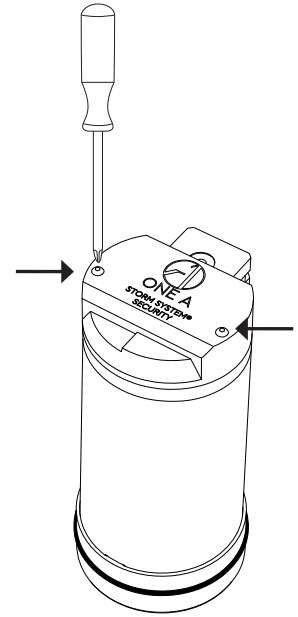
For more information, please contact [info@onea.dk](mailto:info@onea.dk)

## ASSEMBLY INSTRUCTION

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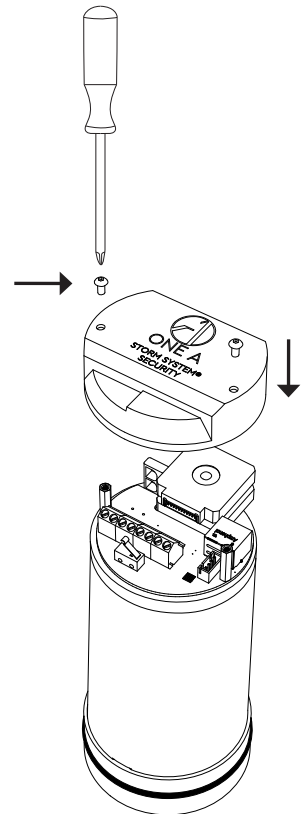
### STEP 1

Unscrew the screws, and gently lift the lid off. Then connect the appropriate cables according to the diagram on the previous page.



### STEP 2

Replace the lid.



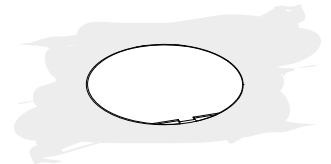
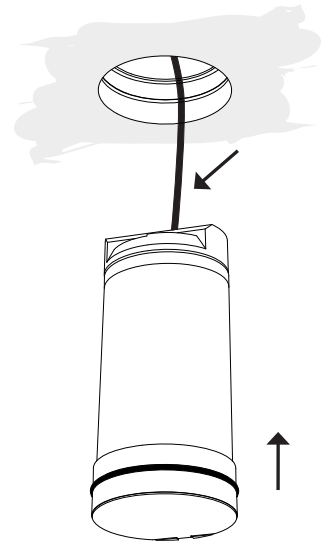
## ASSEMBLY INSTRUCTION

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### STEP 3

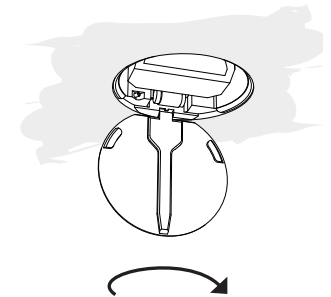
Mount the fixture into the installation ring. Do this by slightly rotating the fixture into the installation ring.

**NOTE:** When rotating the fixture choose the direction with the least resistance.



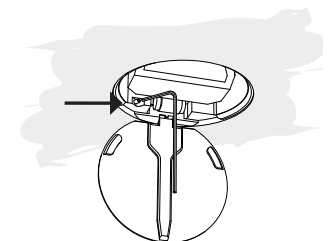
### STEP 4

Gently open the lid, and rotate the fixture, so that the sensor is positioned correctly.



### STEP 5

Use the accompanying allen key and tighten the screw to ensure that the fixture cannot be rotated.



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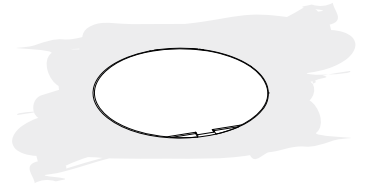
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## DISASSEMBLY INSTRUCTION

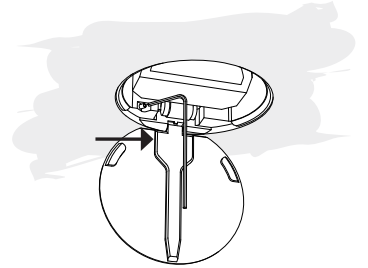
### STEP 1

Gently open the lid.



### STEP 2

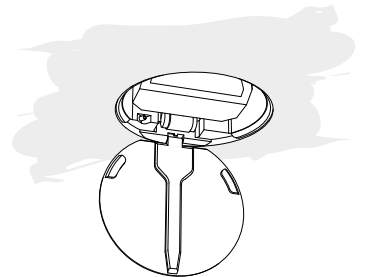
Use the accompanying allen key to loosen the screw holding the fixture in place



### STEP 3

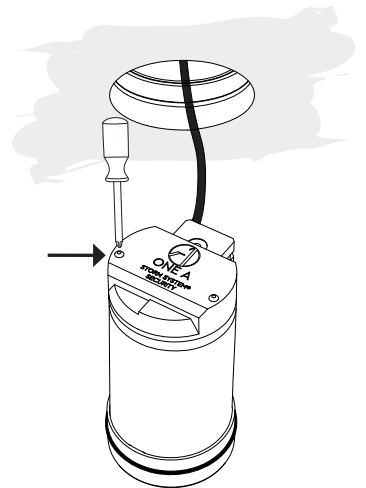
Take hold of the lid and pull down gently, whilst slightly rotating.

**NOTE:** When rotating the fixture choose the direction with the least resistance.



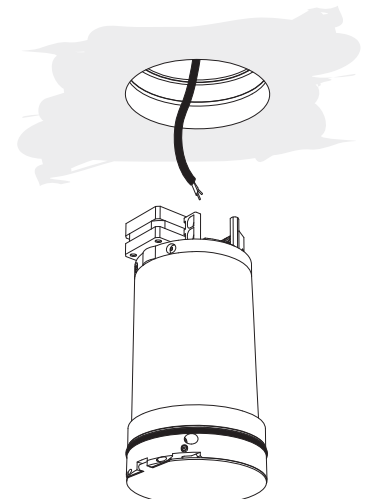
### STEP 4

Unscrew the screws, and gently lift the lid off.



### STEP 5

Disconnect the wires



### IMPORTANT INFORMATION

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### CLEANING AND MAINTENANCE:

Use a soft moist cloth for cleaning. No further maintenance is required.

### WARRANTY:

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## AXIS M1065-L Network Camera

Full-featured HDTV 1080p camera with PoE and edge storage

AXIS M1065-L has a built-in microphone for recording audio, a mini-speaker that can announce pre-recorded messages and a PIR motion sensor for detecting movement even in the dark. This Power over Ethernet enabled camera offers HDTV 1080p resolution at full frame rate, day and night functionality with a mechanical IR cut filter and IR illumination. It is easy to install with included wall and corner bracket, and has a 110° horizontal field of view. The camera also features WDR and supports microSD card for edge storage.

- > **Built-in microphone and mini-speaker**
- > **PIR motion sensor**
- > **Power over Ethernet**
- > **Bracket for wall and corner mount**
- > **IR illumination**



# AXIS M1065-L Network Camera

Camera	
<b>Image sensor</b>	1/3" progressive scan RGB CMOS
<b>Lens</b>	Fixed focal length, 2.8 mm, F2.0 Horizontal field of view: 110° Vertical field of view: 61° M12 mount, fixed iris, IR corrected
<b>Day and night</b>	Automatically removable IR cut filter
<b>Minimum illumination</b>	<b>Color:</b> 0.25 lux at 50 IRE F2.0 <b>B/W:</b> 0.05 lux at 50 IRE F2.0, 0 lux with IR illumination on
<b>Shutter time</b>	1/28000 s to 1/5 s with 50 Hz 1/32500 s to 1/5 s with 60 Hz
<b>Pan/Tilt/Zoom</b>	Digital PTZ
Video	
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles, Motion JPEG
<b>Resolutions</b>	1920x1080 HDTV 1080p to 320x240
<b>Frame rate</b>	Up to 25/30 fps (50/60 Hz) in all resolutions
<b>Video streaming</b>	Multiple, individually configurable streams in H.264 and Motion JPEG Axis' Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/MBR H.264
<b>Image settings</b>	Compression, Color, Brightness, Sharpness, Contrast, White balance, Exposure control, Day/Night shift level, Rotation: 0°, 180°, Text and image overlay, Privacy masks, Mirroring of images, WDR
Audio	
<b>Audio streaming</b>	Two-way, half duplex
<b>Audio compression</b>	AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate
<b>Audio input/output</b>	Built-in microphone (can be disabled), Built-in speaker 82 dB-SPL (at 0.5 m / 20 in)
Network	
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, User access log
<b>Supported protocols</b>	IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>TM</sup> , SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS
System integration	
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <a href="http://www.axis.com">www.axis.com</a> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S; specifications at <a href="http://www.onvif.org">www.onvif.org</a>
<b>Analytics</b>	AXIS Video Motion Detection 3, Audio detection Active tampering alarm, Support for AXIS Camera Application Platform, AXIS Cross Line Detection, AXIS Digital Autotracking and third-party applications, see <a href="http://www.axis.com/acap">www.axis.com/acap</a>
<b>Event triggers</b>	Analytics, Edge storage events Built-in PIR
<b>Event actions</b>	File upload: FTP, HTTP, network share and email Notification: email, HTTP, HTTPS and TCP Video and audio recording to edge storage, Activation of IR-LED, Audio clip playback, Overlay text Pre- and post-alarm video buffering
<b>Data streaming</b>	Event data
<b>Built-in installation aids</b>	Pixel counter
General	
<b>Casing</b>	Polycarbonate, Aluminium, recycled plastic Color: White NCS S 1002-B For repainting instructions of skin cover or casing and impact on warranty, contact your Axis partner.
<b>Sustainability</b>	PVC free, 64% recycled plastic
<b>Memory</b>	512 MB RAM, 256 MB Flash
<b>Power</b>	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 2 Typical 2.7 W, max 4.8 W 4.75–5.25 V DC, typical 2.5 W, max 4.7 W
<b>IR illumination</b>	IR illumination, LED with adjustable intensity. Range up to 10 m (32 ft)
<b>Connectors</b>	Micro USB type B for power only RJ45 10BASE-T/100BASE-TX PoE
<b>Storage</b>	Support for microSD/microSDHC/microSDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations see <a href="http://www.axis.com">www.axis.com</a>
<b>PIR sensor</b>	Passive infrared (PIR) motion sensor with configurable sensitivity. Max range: 6 m (19.7 ft)
<b>Operating conditions</b>	0 °C to 40 °C (32 °F to 104 °F) Humidity 10–85% RH (non-condensing)
<b>Storage conditions</b>	–40 °C to 65 °C (–40 °F to 149 °F) Humidity 10–85% RH (non-condensing)
<b>Approvals</b>	<b>EMC</b> EN 55032 Class B, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, RCM AS/NZS CISPR 32 Class B, KN24, KN-35 <b>Safety</b> IEC/EN/UL 60950-1, IEC/EN 62471, EN 62471
<b>Dimensions</b>	106 mm x 60 mm x 37 mm (4.17 x 2.36 x 1.46 in)
<b>Weight</b>	134 g (0.30 lb)
<b>Included accessories</b>	Installation Guide, Mount bracket, Table top stand, Windows decoder 1-user license
<b>Optional accessories</b>	AXIS T8415 Installation Display T91A10 Mounting Kit For more accessories, see <a href="http://www.axis.com">www.axis.com</a>
<b>Video management software</b>	AXIS Companion video management software, AXIS Camera Station, Video management software from Axis' Application Development Partners available on <a href="http://www.axis.com/techsup/software">www.axis.com/techsup/software</a>
<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
<b>Warranty</b>	Axis 3-year warranty and AXIS Extended Warranty option, see <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>

a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>), and cryptographic software written by Eric Young ([eay@cryptsoft.com](mailto:eay@cryptsoft.com)).

#### Environmental responsibility:

[www.axis.com/environmental-responsibility](http://www.axis.com/environmental-responsibility)