



This Installation Guide is comprised of pages [1/2] and [2/2]. Please be sure to read the included "Safety Precautions" leaflet for correct use. After reading the Installation Guide, keep it in a safe location.

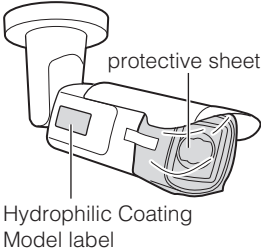
There are two types of cameras: Hydrophilic Coating Model and Non-hydrophilic Coating Model. The hydrophilic coating models have a "hydrophilic coating model label" attached on the product's exterior cover.

Hydrophilic Coating Models

- VB-H761LVE (H2)/VB-H760VE (H2)/VB-H751LE (H2)/
VB-M741LE (H2)/VB-M740E (H2)/VB-H761LVE-H/
VB-H751LE-H/VB-M741LE-H

Non-hydrophilic Coating Models

- VB-H761LVE/VB-H760VE/VB-H751LE/VB-M741LE/VB-M740E



For handling the hydrophilic coating, be sure to read the included "Safety Precautions".

Do not remove the protective sheet of the hydrophilic coating model until installation of the camera is completed.

* Some cameras are not available in certain countries or regions.

Caution Request a professional installer for all installation work. Never try to install the camera yourself. Doing so may result in unforeseen accidents such as dropping the camera or electric shock.

Symbols used in this Installation Guide

H761LVE : VB-H761LVE (H2)/VB-H761LVE-H/VB-H761LVE
H760VE : VB-H760VE (H2)/VB-H760VE **H751LE** : VB-H751LE (H2)/VB-H751LE-H/VB-H751LE
M741LE : VB-M741LE (H2)/VB-M741LE-H/VB-M741LE **M740E** : VB-M740E (H2)/VB-M740E
H2/H : Hydrophilic Coating Model

Items indicated in the Installation Guide [2/2] with this icon are not included with the camera, and should be provided by the user.

Check Included Items

Camera, Screw (M4) x 4	Template	Before Using This Camera	Safety Precautions
Installation Guide (This document)	Warranty Card	Ceiling Plate	
Safety Wire, Screw (M3) x 1	Dedicated Wrench		
Waterproof Packing H761LVE H760VE H751LE	Multi-Cable (BK2-0057-000) H761LVE H751LE		
GND Screw (M3) x 1 H761LVE H751LE	LAN Cable Cap H761LVB H751LE		
Zip Tie (for LAN Cable) H761LVB H751LE			
I/O Interface Cable (BK2-0035-000) M741LE			
Power Interface Cable (BK2-0036-000) M741LE			
Waterproofing Tape H761LVE H751LE M741LE M740E			
Weather Shield WS700-VB Installation Guide (VB-H761LVE-H/VB-H751LE-H/VB-M741LE-H only)			
Weather Shield, Screw (M3) x 2 H2/H			

Accessories

The following accessories can be purchased separately as necessary. Some accessories are not available in certain countries or regions.

Conduit Box CB740-VB

Dedicated accessory used to protect wiring cables that cannot be stored above the ceiling. This can be attached to the composite pipe.

Pendant Mounting Kit PC640-VB

Dedicated accessory used to install the camera to the end of pipe that extends from high ceilings, such as in big-box stores.

Canon AC Adapter PA-V18 **H761LVE** **H751LE** **M741LE**

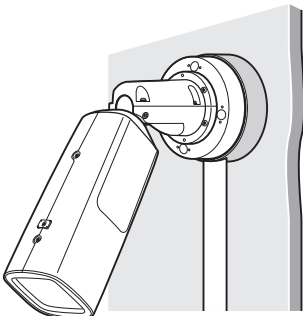
Dedicated AC adapter for this camera.

Notes for When and After Installing the Camera

When Installing the Camera

Installing the Camera Outdoors

- **H761LVE** **H751LE** **M741LE** **M740E** Be sure to wrap with waterproofing tape. Please refer to the "Wrapping the Waterproofing Tape" cautions below for how to wrap.
- When mounting the camera onto a wall or other upright surface, make sure that the cables and composite pipe are placed below the camera to prevent rain infiltration.
- If connecting the camera to the composite pipe by wiring, bridge the gap using the conduit box (sold separately). When connecting the conduit box and the pipe, apply silicon sealant to seal it tightly after attaching the pipe to prevent water getting in as necessary.



Wrapping the Waterproofing Tape **H761LVE** **H751LE** **M741LE** **M740E**

Properly waterproof the connections, as shown in the Installation Guide [2/2], using the waterproofing tape (included). If not properly waterproofed, it may result in water intrusion, thereby causing breakdown.

- To prevent cable connections from shorting out, wrap each individual connection with insulating tape, and then wrap all of the cables with waterproofing tape. Please refer to the Installation Guide [2/2] for details on how to wrap the waterproofing tape.
- The camera conforms to the dust-resistant/waterproof specification (IP66), however the cable ends that connect to external devices are not. Cable connections should be wrapped with waterproofing tape, if there are any chances that it may get wet.
- Accessories for installation are not dust-proof/waterproof. Wrap the cable connections with the included waterproofing tape, even if they can fit within the optional unit, because there could be a chance of the cables getting wet.

Attaching the Weather Shield **H2/H**

Depending on the angle of view and the installed position, the weather shield can partially block the view. Please check the image from the camera, and adjust as necessary.

After Installing the Camera

How to Adjust the Tilt (T)/Rotation (R)(Hereinafter "TR") **H761LVE** **H760VE**

After the installation, if there is a need to re-adjust the TR while in the installed location, it is necessary to loosen the wedge part first, while the TR lock screw-b*¹ (x 2) on the right and left remain tightened. To release the wedge part, loosen the TR lock screw-a*¹ by turning roughly eight times counterclockwise, then insert the TORX*² driver, and lightly hit it with a hammer. There is a possibility that the camera will suddenly tilt if the TR lock screw-b*¹ (x 2) on the right and left are first loosened.

*¹ Refer to the "Part Names" section for the location of the TR lock screw-a/b.

*² TORX is the trademark of Acument Intellectual Properties, LLC.

When the temperature within the camera is low (heater activation)

H761LVE **H751LE** **M741LE**

When the camera is powered by a 24 V AC/ PoE+ power source, the heater unit can be used. The heater unit will be activated automatically when the temperature within the camera is low. The orange LED will be lit, until the camera has warmed up enough to start transferring video. Once the temperature within the camera has reached the level where it can transfer the video once again, the orange LED will turn off.

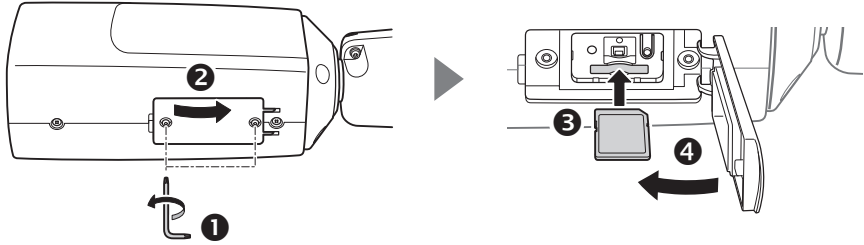
When there is condensation on the lens protector after being turned on

Condensation may occur on the inside of the lens protector, when the power is turned on for the first time after installation, or after not being turned on for a long time. The condensation will dissipate after the power has been left on a while (this may take more than a day at the longest). Please use the camera after confirming that the image can be captured correctly.

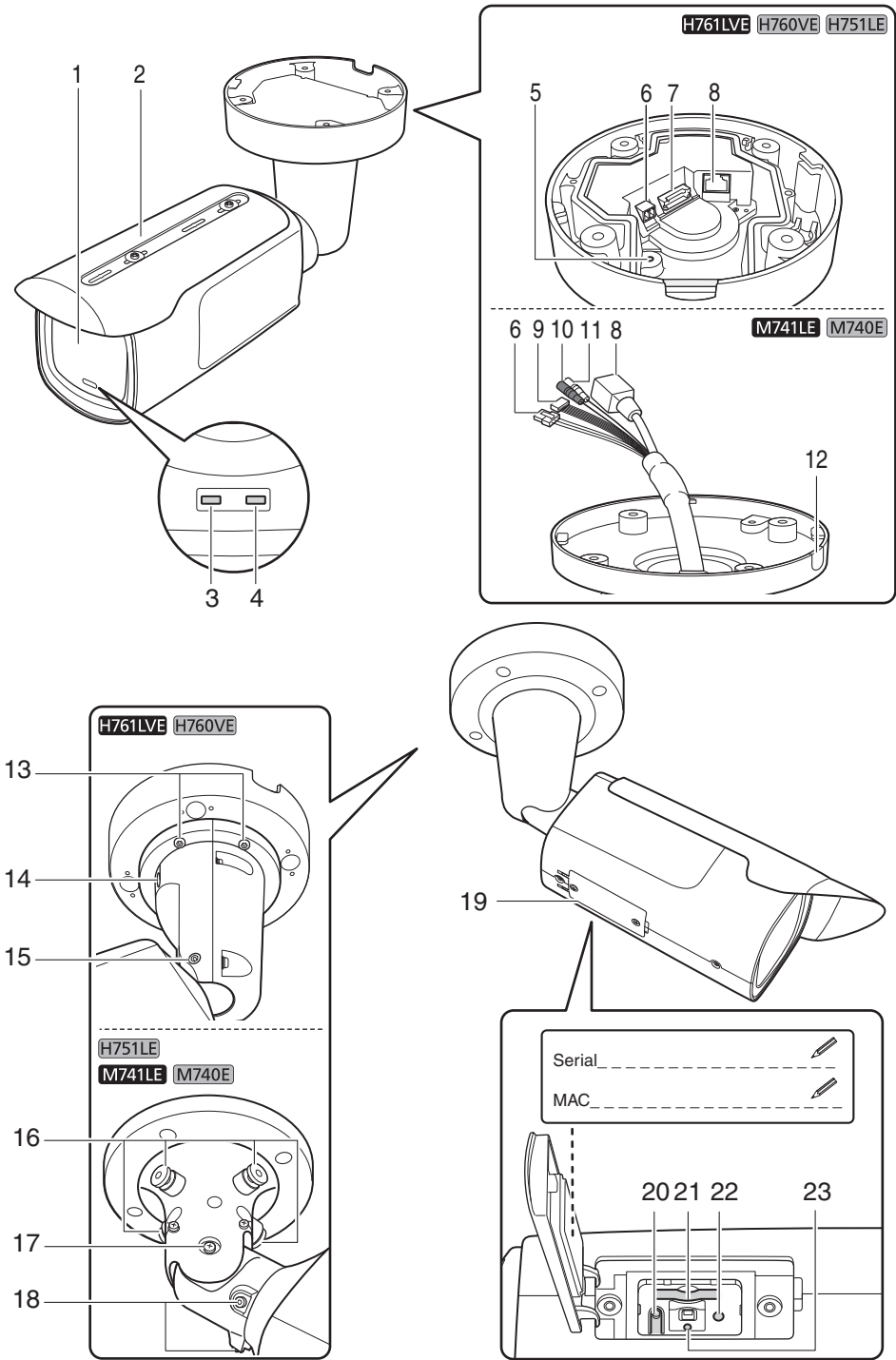
Before Installing the Camera

When Using a Memory Card

Loosen the screws with the dedicated wrench, open the memory card cover, and place a memory card in the memory card slot. Once the memory card is placed, close the memory card cover and tighten the screws with the dedicated wrench. (SD memory card, SDHC memory card, or SDXC memory card can be used)



Part Names



1. Lens protector / 2. Weather shield **H2/H** / 3. LED (Orange) **H761LVE** **H751LE** **M741LE** **M740E** / 4. LED (Blue)*¹ / 5. GND screw hole / 6. Power connection terminal **H761LVE** **H751LE** **M741LE** / 7. I/O & Audio combination connector **H761LVE** **H751LE** / 8. LAN connector (RJ45,100Base-TX) / 9. External Device I/O Terminals **M741LE** / 10. Audio input terminal (Black) (common LINE IN and MIC IN) **M741LE** / 11. Audio output terminal (White) (LINE OUT) **M741LE** / 12. Notched cap **M741LE** **M740E** / 13. Pan (P) lock screw / 14. Tilt (T)/Rotation (R) lock screw-a / 15. Tilt (T)/Rotation (R) lock screw-b / 16. Pan axis adjustment screw / 17. Tilt axis adjustment screw / 18. Rotation axis adjustment screw / 19. Memory card cover / 20. Reset switch*² / 21. Memory card slot / 22. Reboot switch / 23. LED (Blue)*¹

*¹ On: when powered on, during reboot, during normal use / Off: when [Turn Off] is selected (please refer to the "Operation Guide")

*² Please refer to the "Operation Guide" for the method to reset the camera.



VB-H761LVE (H2)/VB-H761LVE-H/
VB-H761LVE/
VB-H760VE (H2)/VB-H760VE

- JA** 親水コーティングモデルの保護シートは、カメラの設置が完了するまで取り外さないでください(★)。
- EN** Do not remove the protective sheet of the hydrophilic coating model until installation of the camera is completed (★).
- DE** Entfernen Sie die Schutzabdeckung des Modells mit hydrophiler Beschichtung erst, wenn die Installation der Kamera abgeschlossen ist (★).
- ES** No retire la hoja protectora del modelo con revestimiento hidrófilo hasta que se haya completado la instalación de la cámara (★).
- FR** Ne retirez pas la feuille de protection du modèle à revêtement hydrophile tant que l'installation de la caméra n'est pas terminée (★).
- IT** Non rimuovere la pellicola protettiva del modello con rivestimento idrofilo fino al termine dell'installazione della telecamera (★).
- RU** Не снимайте защитный лист модели с гидрофильным покрытием до завершения установки камеры (★).
- TR** Kameranın kurulumu tamamlanana kadar su emici kaplamalı modelin koruyucu tabakasını çıkarmayın (★).
- PL** Nie należy usuwać materiału ochronnego z modelu z powłoką hydrofilową do czasu zakończenia instalacji kamery (★).
- TH** อย่างนำแผ่นป้องกันของรุ่นนี้ สารเคลือบไฮโดรฟิลิกออกจนกว่าการติดตั้งกล้อง จะเสร็จสมบูรณ์ (★)
- KO** 친수성 코팅 모델의 보호 시트는 카메라의 설치가 완료될 때까지 제거하지 마십시오 (★).

1

- JA** スリットから落下防止用ワイヤーを通し(②)、裏側にあるフックに引っかけます(③)。
- EN** Pass the safety wire through the slit ② and attach it to the hook on the rear side ③.
- DE** Führen Sie das Sicherungsseil durch den Spalt ②, und befestigen Sie es an dem Haken an der Rückseite ③.
- ES** Pase el cable de seguridad a través de la hendidura ② y átelo al gancho situado en la parte posterior ③.
- FR** Faites passer le fil de sécurité dans la fente ② et fixez-le au crochet à l'arrière ③.
- IT** Passare il cavo di sicurezza nella fessura ② e collegarlo al gancio nella parte posteriore ③.
- RU** Пропустите предохранительную проволоку сквозь прорезь ② и накиньте ее на крючок с тыльной стороны ③.
- TR** Güvenlik kablosunu yarıktan geçirin ② ve arka taraftaki kancaya bağlayın ③.
- PL** Przeciągnij kabel zabezpieczający przez szczelinę ② i podłącz go do haczyka w tylnej części ③.
- TH** เดินสายเชพด์ผ่านรอย ② แล้วนำสายไปต่อกับขอด้านหลัง ③
- KO** 틈으로 낙하 방지용 와이어를 통과시키고 (②), 뒤쪽에 있는 걸이에 걸어 주십시오 (③).

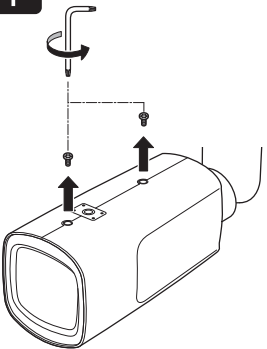
2

- JA** 防水パッキンは全体を押し広げて隙間がないように装着し、結束バンドをしっかりと締め付けてください。
- EN** Attach the waterproof packing while firmly pressing and spreading it so that there are no gaps, and tightly fasten using a zip tie.
- DE** Bringen Sie die wasserdichte Dichtung an, indem Sie sie fest andrücken und so verteilen, dass es keine Lücken gibt. Befestigen Sie sie anschließend mit einem Kabelbinder.
- ES** Coloque la funda resistente al agua mientras presiona firmemente y la extiende para que no haya espacios y ciérrela con una cremallera.
- FR** Fixez le pack d'étanchéité tout en appuyant fortement et en l'étendant afin de ne laisser aucune ouverture, puis serrez fermement à l'aide d'un serre-câble.



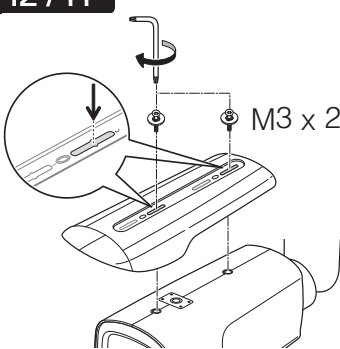
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H2/H



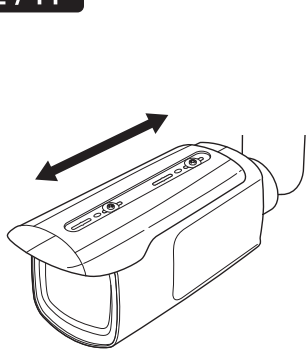
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H2/H



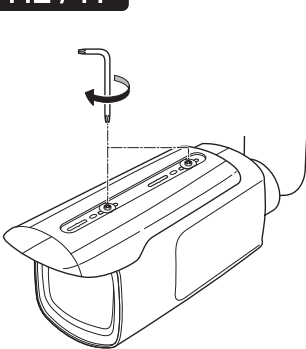
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H2/H

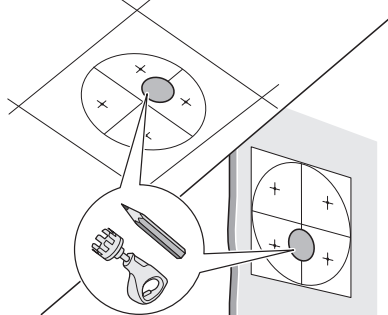


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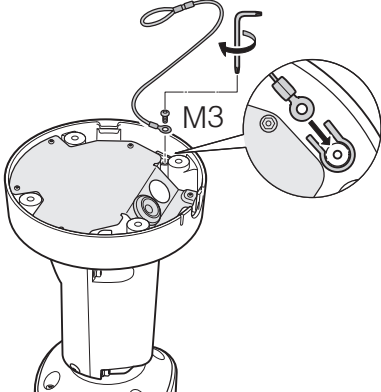
H2/H



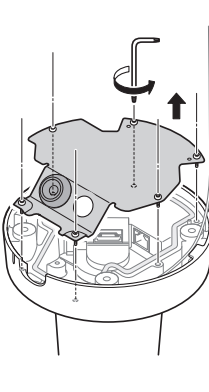
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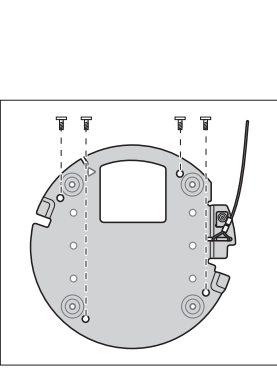
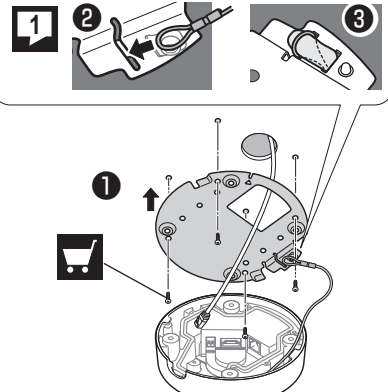
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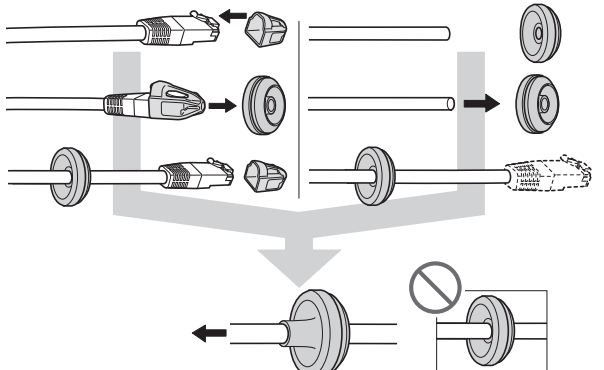
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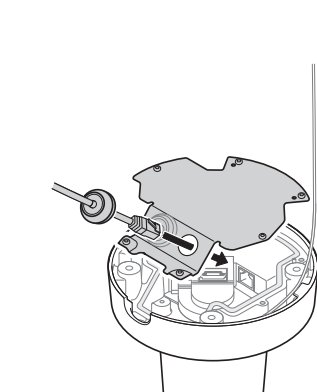
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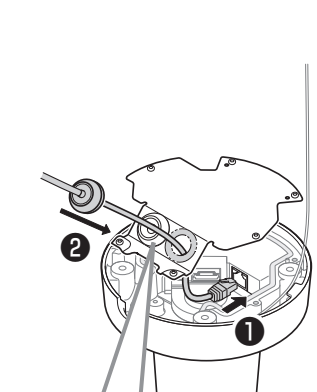
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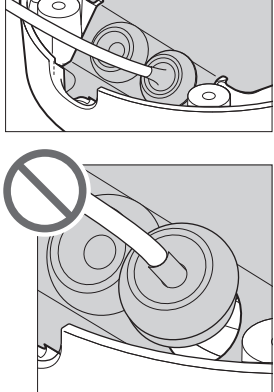
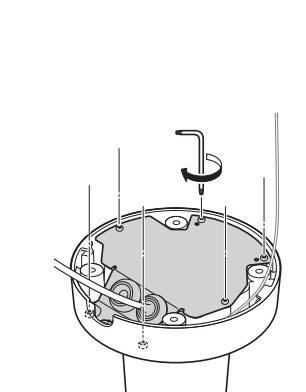
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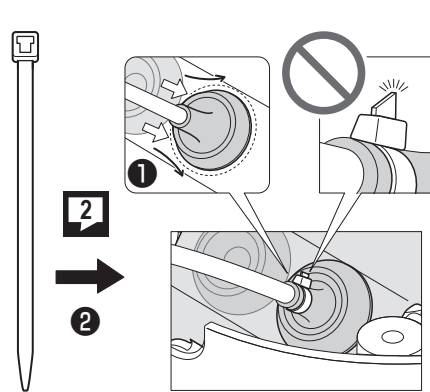
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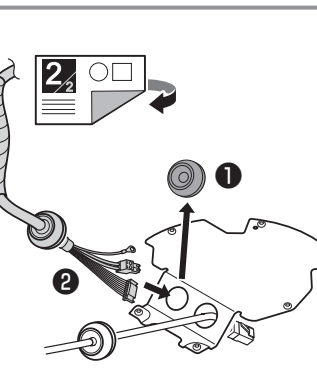
12



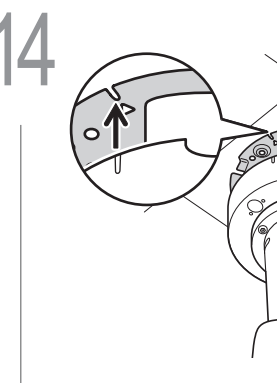
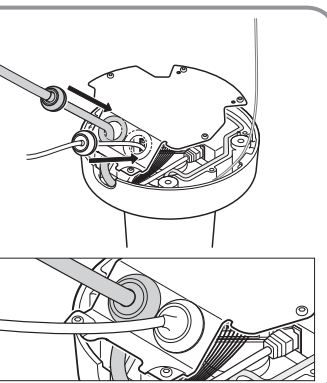
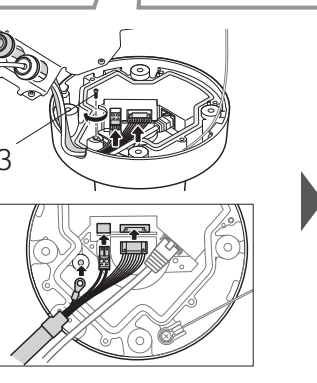
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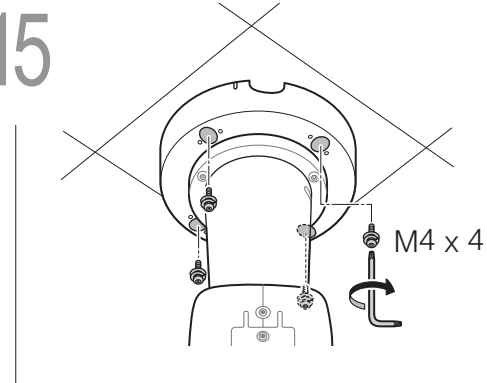
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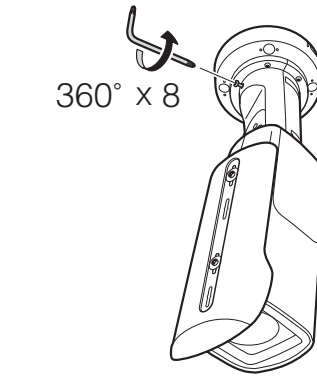
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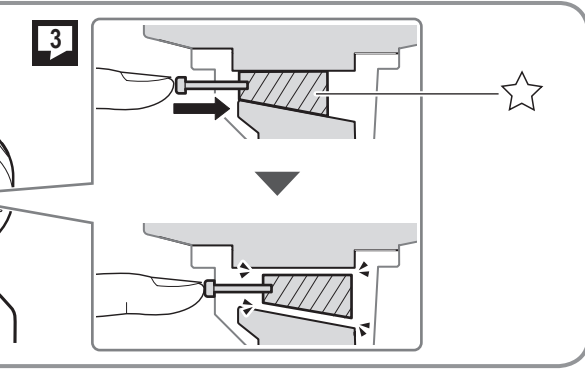
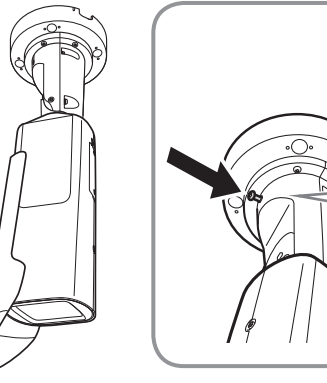
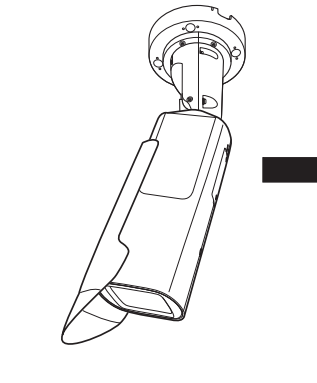
16



16



17



2

IT

Fissare la protezione impermeabile tenendola premuta saldamente e spingendone i bordi verso l'esterno per assicurarsi che non vi siano spazi vuoti, quindi stringere bene con una fascetta.

RU

Введите водостойкое уплотнение, плотно нажимая на него и распределяя его, так чтобы не оставалось промежутков, и плотно закрепите кабельной стяжкой.

TR

Boşluk kalmaması için sıkıca bastırıp su geçirmez paketi takın ve kablo bağı kullanarak sıkıca bağlayın.

PL

Założ uszczelkę, dociskając ją i przesuważąc, tak aby usunąć szczeliny, a następnie zabezpiecz ją za pomocą opaski kablowej.

TH

ในขณะที่ติดตั้งหัวกล้องน้ำ ให้ทำการกดแน่นๆ พร้อมกับคลี่กระจายออกเพื่อไม่ให้เกิดช่องว่าง จากนั้นใช้สายขีปผูกติดอย่างแน่นหนา

KO

방수 패킹은 전체를 펼쳐 틈 없이 장착하고 케이블타이로 단단히 고정해 주십시오.

3

JA

ネジを指で奥まで押し込むと、内部のくさび部品(☆)が解除されます。

EN

When pushing the screw in all the way with a finger, the internal wedge part (☆) will be released.

DE

Wenn Sie die Schraube mit dem Finger vollständig hineindrücken, wird der interne Keil (☆) freigegeben.

ES

Al empujar el tornillo hasta el fondo con un dedo, la pieza interna en forma de cuña (☆) se soltará.

FR

Lorsque vous enfoncez la vis jusqu'au bout avec un doigt, la partie coin interne (☆) est libérée.

IT

Quando si preme la vite fino in fondo con un dito, la parte interna a cuneo (☆) verrà rilasciata.

RU

При проталкивании винта пальцем внутрь до упора высвобождается внутренняя клиновидная деталь (☆).

TR

Vidayı parmağınızla tamamen içeri ittiğinizde iç kama parçası (☆) serbest kalır.

PL

Po wepchnięciu śruby palcem do końca zwolniona zostanie wewnętrzna część klina(☆).

TH

เมื่อขันสกรูเข้าไปจนสุดด้วยนิ้วมือ ชิ้นส่วนรูปสามเหลี่ยม (☆) จะยื่นออกมา

KO

나사를 손가락으로 끝까지 밀어 넣으면 내부의 쐐기 부품(☆)이 풀립니다.

4

JA

ローテーション調整の際、回しづらくなったらそれ以上回さないでください。故障の原因になります。

EN

When adjusting the rotation of the camera, do not try to force it. Forcing the camera to rotate may result in damage.

DE

Gehen Sie nicht gewaltsam vor, wenn Sie die Drehung der Kamera anpassen. Ein gewaltsames Drehen der Kamera kann zu Beschädigungen führen.

ES

Cuando ajuste la rotación de la cámara, no intente forzarla. Si fuerza la cámara para rotarla, esta podría resultar dañada.

FR

Lorsque vous réglez la rotation de la caméra, n'essayez pas de forcer. Si vous forcez la caméra pour qu'elle pivote, vous risquez de l'endommager.

IT

Durante la regolazione della rotazione della telecamera, non provare a forzarla per evitare danni.

RU

Регулируя поворот камеры, не прилагайте к ней силу. Принудительный поворот камеры может привести к ее повреждению.

TR

Kameranin dönüşünü ayarlarken zorlamayın. Kameranin dönmeye zorlanması hasara neden olabilir.

PL

Podczas regulacji obrotu kamery nie należy używać nadmiernej siły. Obracanie kamery na siłę może doprowadzić do jej uszkodzenia.

TH

เมื่อปรับการหมุนของกล้อง อย่าพยายามไปฝืนใช้แรงหมุน การฝืนใช้แรงหมุนกล้อง อาจจะทำให้เกิดความเสียหายได้

KO

카메라의 로테이션 조정시, 더 이상 돌아가지 않을 경우 강제로 돌리지 말아주십시오. 고장의 원인이 됩니다.

18

4

19

1.5 N·m

20

21

3 N·m

H761LVE

JA

ケーブル接合部には、同梱の防水テープを巻いてください。

EN

Wrap the included waterproof tape to the cable connection.

DE

Wickeln Sie das im Lieferumfang enthaltene wasserabweisende Band um die Kabelverbindung.

ES

Envuelva la conexión del cable con la cinta resistente al agua incluida.

FR

Entourez le câble de connexion de ruban adhésif étanche fourni.

IT

Avvolgere il nastro impermeabile in dotazione al collegamento del cavo.

RU

Обмотайте кабельное соединение прилагаемой водостойкой лентой.

TR

Dahil edilen su geçirmez bandı kablo bağlantısına sarın.

PL

Owiń dołączoną taśmą wodoszczelną połączenie przewodów.

TH

พันเทปกันน้ำตรงส่วนเชื่อมต่อสายเคเบิล

KO

케이블의 연결 부위에 동봉된 방수 테이프를 감아 주십시오.

1

30mm

30mm

2

2x

1 1 2

3

4

83.5 (3-9/32)

10 × φ 4.5 (φ 0.18)

46 (1-13/16)

85.7 (3-3/8)

φ142 (φ 5.59)

88 (3-1/2)

245 (9.65)

60.5 (2.38)

21.0 (0.83)

21.0 (0.83)

21.0 (0.83)

21.0 (0.83)

112 (4.41)

43 (1.69)

a

b

73 (2.87)

252 (9.92)

302 (11.89)

a

b

φ 150 (φ 5.91)

153 (6.02)

111 (4.37)

102 (4.02)

mm (in./pulg./po)

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