

MOOG

VIDEOLARM

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IRM360-IV

Vandal-Resistant Flush Housing

www.videolarm.com

Installation and Operation Instructions for the following model:

IRM360-IV A flush indoor fixed ceiling mount housing. The housing accommodates an ImmerVision Panamorph lens and qualified box camera. The upper body is constructed of a heavy 10-gauge aluminum and a white powder cast trim ring.

Before attempting to connect or operate this product, please read these instructions completely.

81-IN5475
12-21-2011

IMPORTANT SAFEGUARDS

- 1 Read these instructions.
- 2 Keep these instructions.
- 3 Heed all warnings
- 4 Follow all instructions.
- 5 Do not use this apparatus near water.
- 6 Clean only with damp cloth.
- 7 Do not block any of the ventilation openings. Install in accordance with the manufacturers instructions.
- 8 Cable Runs- All cable runs must be within permissible distance.
- 9 Mounting - This unit must be properly and securely mounted to a supporting structure capable of sustaining the weight of the unit.

Accordingly:

- a. The installation should be made by a qualified installer.
 - b. The installation should be in compliance with local codes.
 - c. Care should be exercised to select suitable hardware to install the unit, taking into account both the composition of the mounting surface and the weight of the unit.
- 10 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
 - 11 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
 - 12 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
 - 13 Only use attachment/ accessories specified by the manufacturer.
 - 14 Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/ apparatus combination to avoid injury from tip-over.
 - 15 Unplug this apparatus during lightning storms or when unused for long periods of time.
 - 16 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Be sure to periodically examine the unit and the supporting structure to make sure that the integrity of the installation is intact. Failure to comply with the foregoing could result in the unit separating from the support structure and falling, with resultant damages or injury to anyone or anything struck by the falling unit.

UNPACKING

Unpack carefully. Electronic components can be damaged if improperly handled or dropped. If an item appears to have been damaged in shipment, replace it properly in its carton and notify the shipper.

Be sure to save:

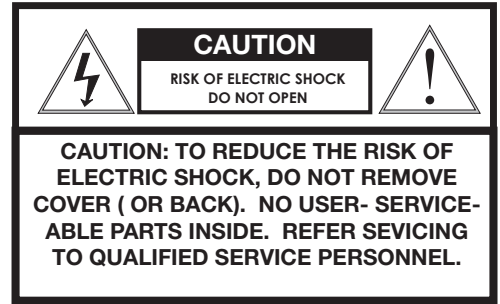
- 1 **The shipping carton and packaging material. They are the safest material in which to make future shipments of the equipment.**
- 2 **These Installation and Operating Instructions.**

SERVICE

If technical support or service is needed, contact us at the following number:

TECHNICAL SUPPORT
AVAILABLE 24 HOURS
1 - 800 - 554 -1124

SAFETY PRECAUTIONS



The lightning flash with an arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of non-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk to persons.

Este símbolo se piensa para alertar al usuario a la presencia del "voltaje peligroso no-aislado" dentro del recinto de los productos que puede ser un riesgo de choque eléctrico.

Ce symbole est prévu pour alerter l'utilisateur à la présence "de la tension dangereuse" non-isolée dans la clôture de produits qui peut être un risque de choc électrique.

Dieses Symbol soll den Benutzer zum Vorhandensein der nicht-Isolier "Gefährdungsspannung" innerhalb der Produkteinschließung alarmieren die eine Gefahr des elektrischen Schlages sein kann.

Este símbolo é pretendido alertar o usuário à presença "di tensão perigosa non-isolada" dentro do cerco dos produtos que pode ser um risco de choque elétrico.

Questo simbolo è inteso per avvertire l'utente alla presenza "di tensione pericolosa" non-isolata all'interno della recinzione dei prodotti che può essere un rischio di scossa elettrica.



The exclamation point within an equilateral triangle is intended to alert the user to presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Este símbolo del punto del exclamation se piensa para alertar al usuario a la presencia de instrucciones importantes en la literatura que acompaña la aplicación.

Ce symbole de point d'exclamation est prévu pour alerter l'utilisateur à la présence des instructions importantes dans la littérature accompagnant l'appareil.

Dieses Ausruf Punktsymbol soll den Benutzer zum Vorhandensein de wichtigen Anweisungen in der Literatur alarmieren, die das Gerät begleitet.

Este símbolo do ponto do exclamation é pretendido alertar o usuário à presença de instruções importantes na literatura que acompanha o dispositivo.

Questo simbolo del punto del exclamation è inteso per avvertire l'utente alla presenza delle istruzioni importanti nella letteratura che accompagna l'apparecchio.



Limited Warranty for Moog Videolarm Products

Moog Videolarm warrants these products to be free from defects in material or workmanship as follows:

PRODUCT CATEGORY	PARTS \ LABOR
All Enclosures and Electronics*	Five (5) Years
Poles/PolEvators™/CamEvator	Three (3) Years
Warrior Series™/Q-View™/IR Illuminators	Five (5) Years
SView Series™	Five (5) Years **6 months if used in auto scan/tour operation
Controllers	Five (5) Years
Power Supplies	Five (5) Years
EcoKit	Three (3) Years
Accessory Brackets	Five (5) Years
Liberty Dome	Three (3) Years
*DeputyDome™, NiteTrac™, Igloo Dome, PurgeDome™	Three (3) Years **6 months if used in auto scan/tour operation

During the labor warranty period, to repair the Product, Purchaser will either return the defective product, freight prepaid, or deliver it to Moog Videolarm Inc. Decatur GA. The Product to be repaired is to be returned in either its original carton or a similar package affording an equal degree of protection with a RMA # (Return Materials Authorization number) displayed on the outer box or packing slip. To obtain a RMA# you must contact our Technical Support Team at 800.554.1124, extension 101. Moog Videolarm will return the repaired Product freight prepaid to Purchaser. Moog Videolarm is not obligated to provide Purchaser with a substitute unit during the warranty period or at any time. After the applicable warranty period, Purchaser must pay all labor and/or parts charges.

The limited warranty stated in these product instructions is subject to all of the following terms and conditions.

TERMS AND CONDITIONS

1. NOTIFICATION OF CLAIMS: WARRANTY SERVICE: If Purchaser believes that the Product is defective in material or workmanship, then written notice with an explanation of the claim shall be given promptly by Purchaser to Moog Videolarm. All claims for warranty service must be made within the warranty period. If after investigation Moog Videolarm determines the reported problem was not covered by the warranty, Purchaser shall pay Moog Videolarm for the cost of investigating the problem at its then prevailing per incident billable rate. No repair or replacement of any Product or part thereof shall extend the warranty period of the entire Product. The specific warranty on the repaired part only shall be in effect for a period of ninety (90) days following the repair or replacement of that part or the remaining period of the Product parts warranty, whichever is greater.

2. EXCLUSIVE REMEDY: ACCEPTANCE: Purchaser's exclusive remedy and Moog Videolarm's sole obligation is to supply (or pay for) all labor necessary to repair any Product found to be defective within the warranty period and to supply, at no extra charge, new or rebuilt replacements for defective parts.

3. EXCEPTIONS TO LIMITED WARRANTY: Moog Videolarm shall have no liability or obligation to Purchaser with respect to any Product requiring service during the warranty period which is subjected to any of the following: abuse, improper use, negligence, accident, lightning damage or other acts of God (i.e., hurricanes, earthquakes), modification, failure of the end-user to follow the directions outlined in the product instructions, failure of the end-user to follow the maintenance procedures recommended by the International Security Industry Organization, written in product instructions, or recommended in the service manual for the Product. Furthermore, Moog Videolarm shall have no liability where a schedule is specified for regular replacement or maintenance or cleaning of certain parts (based on usage) and the end-user has failed to follow such schedule; attempted repair by non-qualified personnel; operation of the Product outside of the published environmental and electrical parameters, or if such Product's original identification (trademark, serial number) markings have been defaced, altered, or removed. Moog Videolarm excludes from warranty coverage Products sold AS IS and/or WITH ALL FAULTS and excludes used Products which have not been sold by Moog Videolarm to the Purchaser. All software and accompanying documentation furnished with, or as part of the Product is furnished "AS IS" (i.e., without any warranty of any kind), except where expressly provided otherwise in any documentation or license agreement furnished with the Product. Any cost associated with removal of defective product and installation of replacement product is not included in this warranty.

4. PROOF OF PURCHASE: The Purchaser's dated bill of sale must be retained as evidence of the date of purchase and to establish warranty eligibility.

DISCLAIMER OF WARRANTY

EXCEPT FOR THE FOREGOING WARRANTIES, Moog Videolarm HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY AND/OR ALL IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND/OR ANY WARRANTY WITH REGARD TO ANY CLAIM OF INFRINGEMENT THAT MAY BE PROVIDED IN SECTION 2-312(3) OF THE UNIFORM COMMERCIAL CODE AND/OR IN ANY OTHER COMPARABLE STATE STATUTE. Moog Videolarm HEREBY DISCLAIMS ANY REPRESENTATIONS OR WARRANTY THAT THE PRODUCT IS COMPATIBLE WITH ANY COMBINATION OF NON-Moog Videolarm PRODUCTS OR NON-Moog Videolarm RECOMMENDED PRODUCTS PURCHASER MAY CHOOSE TO CONNECT TO THE PRODUCT.

LIMITATION OF LIABILITY

THE LIABILITY OF Moog Videolarm, IF ANY, AND PURCHASER'S SOLE AND EXCLUSIVE REMEDY FOR DAMAGES FOR ANY CLAIM OF ANY KIND WHATSOEVER, REGARDLESS OF THE LEGAL THEORY AND WHETHER ARISING IN TORT OR CONTRACT, SHALL NOT BE GREATER THAN THE ACTUAL PURCHASE PRICE OF THE PRODUCT WITH RESPECT TO WHICH SUCH CLAIM IS MADE. IN NO EVENT SHALL Moog Videolarm BE LIABLE TO PURCHASER FOR ANY SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY KIND INCLUDING, BUT NOT LIMITED TO, COMPENSATION, REIMBURSEMENT OR DAMAGES ON ACCOUNT OF THE LOSS OF PRESENT OR PROSPECTIVE PROFITS OR FOR ANY OTHER REASON WHATSOEVER.



Electrical Specifications

IRM360-IV



Power 24VAC.
Class 2 Only

English



Energía 24VAC.
Clase 2 solamente

Español



Puissance 24VAC.
Classe 2 seulement

Français



Energie 24VAC.
Kategorie 2 nur

Deutsch



Poder 24VAC.
Classe 2 somente

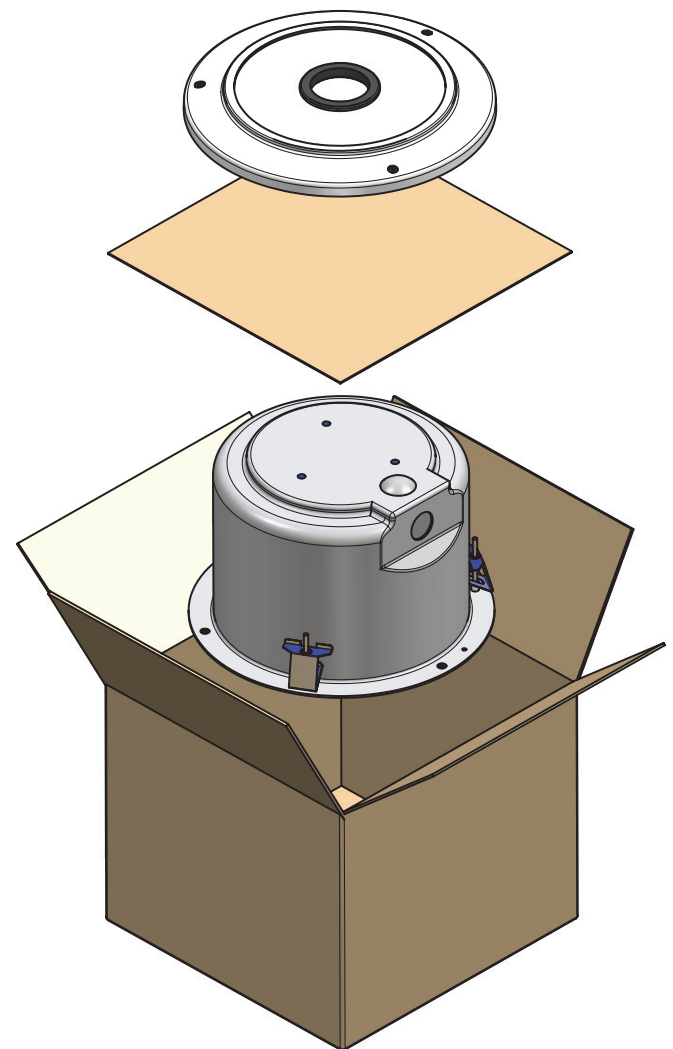
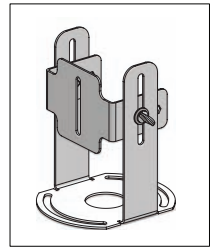
Portuguese

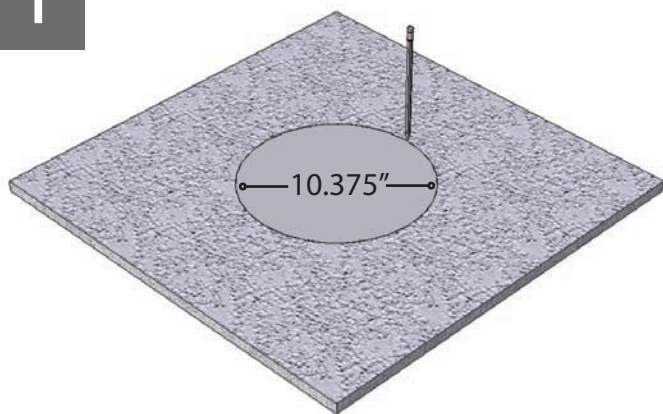


Potere 24VAC.
Codice categoria 2 soltanto

Italiano

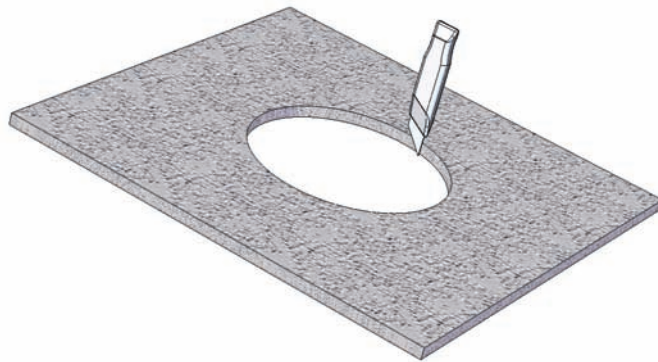
Contents of Box



1

Using the provided template, mark the ceiling tile for the cutout.

- Con la plantilla proporcionada, cortar el azulejo del techo para el agujero.
- En utilisant le calibre fourni, marquez la tuile de plafond pour le coupe-circuit.
- Mit der zur Verfügung gestellten Schablone kennzeichnen Sie die Decke Fliese für den Ausschnitt.
- Usando o molde fornecido, marque a telha do teto para o entalhe.
- Usando la mascherina fornita, contrassegni le mattonelle del soffitto per il ritaglio.

2

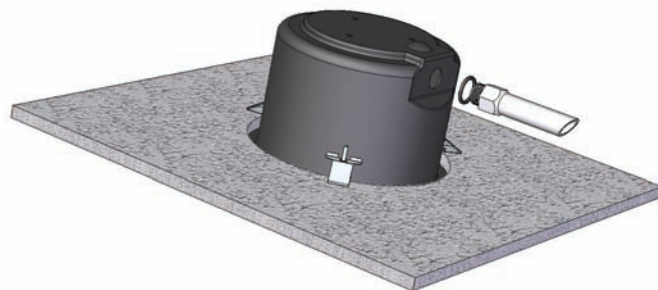
A box cutter or jigsaw can be used for cutting the circle.

- Un cortador o un rompecabezas de la caja se puede utilizar para cortar el círculo.
- Un coupeur ou une scie sauteuse de boîte peut être utilisé pour couper le cercle.
- Ein Kastenscherblock oder -tischlerbandsäge können für den Schnitt des Kreises benutzt werden.
- Um cortador ou um jigsaw da caixa podem ser usados cortando o círculo.
- Una taglierina o un jigsaw della scatola può essere utilizzato per il taglio del cerchio.

3

Place the housing in the tile and secure the outer tabs.

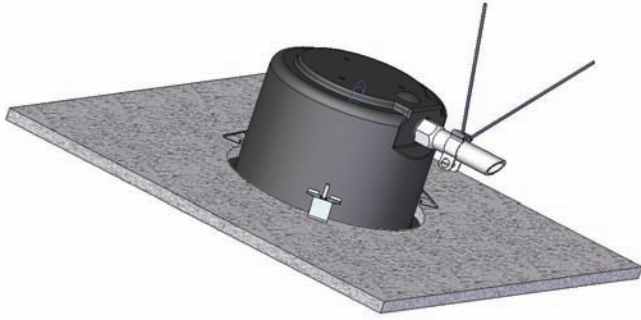
- Coloque la cubierta en el azulejo y asegure las lengüetas externas.
- Placez le logement dans la tuile et fixez les étiquettes externes.
- Legen Sie das Gehäuse in die Fliese und sichern Sie die äußeren Vorsprünge.
- Coloque a carcaça na telha e fixe as abas exteriores.
- Disponga l'alloggiamento nelle mattonelle ed assicuri le linguette esterne.

4

Connect the flex conduit to the housing.

- Conecte el conducto de la flexión con la cubierta.
- Reliez le conduit de câble au logement.
- Schließen Sie das Flexrohr an das Gehäuse an.
- Conecte a canalização do cabo flexível à carcaça.
- Collegli il condotto della flessione all'alloggiamento.

5



Add the safety wire to the flex conduit or continue to the next step.

- Agregue el alambre de seguridad al conducto de la flexión o continúe al paso siguiente.
- Ajoutez le fil de sûreté au conduit de câble ou continuez à la prochaine étape.
- Fügen Sie die Sicherheit Leitung dem Flexrohr hinzu oder fahren Sie zum folgenden Schritt fort.
- Adicione o fio de segurança à canalização do cabo flexível ou continue à etapa seguinte.
- Aggiunga il legare di sicurezza al condotto della flessione o continui al punto seguente.

6

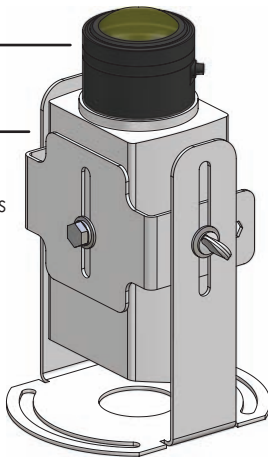


The alternate location to attach the safety wire is on the housing secure tab.

- La localización alterna para unir el alambre de seguridad está en la lengüeta segura de la cubierta.
- L'endroit alternatif pour attacher le fil de sûreté est sur l'étiquette bloquée de logement.
- Die wechselnde Position, zum der Sicherheit Leitung anzubringen ist auf dem sicheren Vorsprung des Gehäuses.
- A posição alterna para unir o fio de segurança está na aba segura da carcaça.
- La posizione alternata per fissare il legare di sicurezza è sulla linguetta sicura dell'alloggiamento.

7

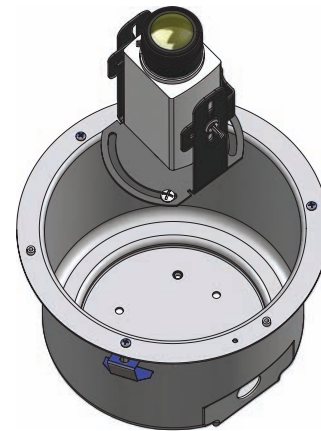
Camera and Lens
provided by others



Install the camera on the fixed bracket and complete all wiring applications.

- Instale la cámara fotográfica en el soporte fijo y termine todos los usos del cableado.
- Installez l'appareil-photo sur la parenthèse fixe et accomplissez toutes les applications de câblage.
- Bringen Sie die Kamera am örtlich festgelegten Haltewinkel an und führen Sie alle Verdrahtung Anwendungen durch.
- Instale a câmera no suporte fixo e termine todas as aplicações da fiação.
- Installi la macchina fotografica sulla staffa fissa e completi tutte le applicazioni dei collegamenti.

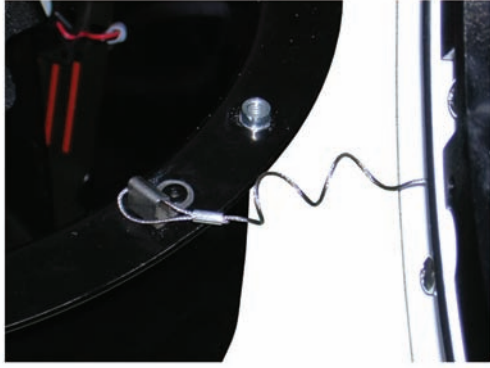
8



Mount the bracket and camera with the ImmerVision Lens in the housing.

- Monte el soporte y la cámara con la lente de ImmerVision en la cubierta.
- Montez la parenthèse et l'appareil-photo avec l'objectif d'ImmerVision dans le logement.
- Bringen Sie den Haltewinkel und die Kamera mit dem ImmerVision Objektiv in das Gehäuse an.
- Monte o suporte e a câmera com a lente de ImmerVision na carcaça.
- Monti la staffa e la macchina fotografica con l'obiettivo di ImmerVision nell'alloggiamento.

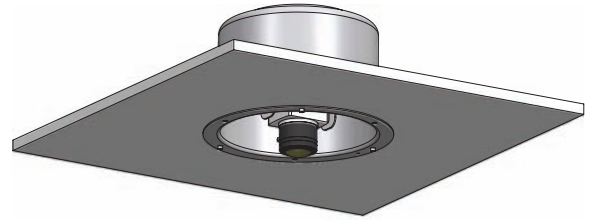
9



Hook the lanyard from the dome to the housing as shown.

- Enganche el acollador de la bóveda a la cubierta según lo demostrado.
- Accrochez la lanière du dôme au logement comme montré.
- Spannen Sie die Abzuglinie von der Haube zum Gehäuse an, wie gezeigt.
- Enganche o colhedor da abóbada à carcaça como mostrada.
- Agganci la cordicella dalla cupola all'alloggiamento come indicato.

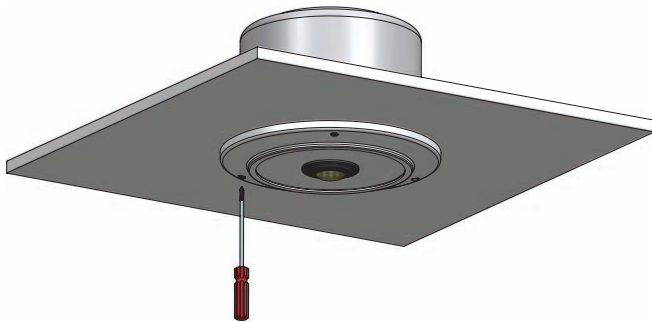
10



Adjust the ImmerVision lens as per lens manufacturing instructions. Insure that all set screws on lens are flush.

- Ajuste la lente de ImmerVision según instrucciones de la fabricación de la lente. Asegure que todos los tornillos de presión en la lente son rasantes.
- Ajustez l'objectif d'ImmerVision selon des instructions de fabrication d'objectif. Assurez-vous que toutes les vis de réglage sur l'objectif sont affleurantes.
- Justieren Sie das ImmerVision Objektiv wie pro Objektivherstellungsanweisungen. Versichern Sie, dass alle Klemmschrauben auf Objektiv eben sind.
- Ajuste a lente de ImmerVision como por instruções da fabricação da lente. Segure que todos os parafusos de fixação na lente são nivelados.
- Registri l'obiettivo di ImmerVision secondo le istruzioni di fabbricazione dell'obiettivo. Assicuri che tutte le viti di arresto sull'obiettivo siano a livello.

11

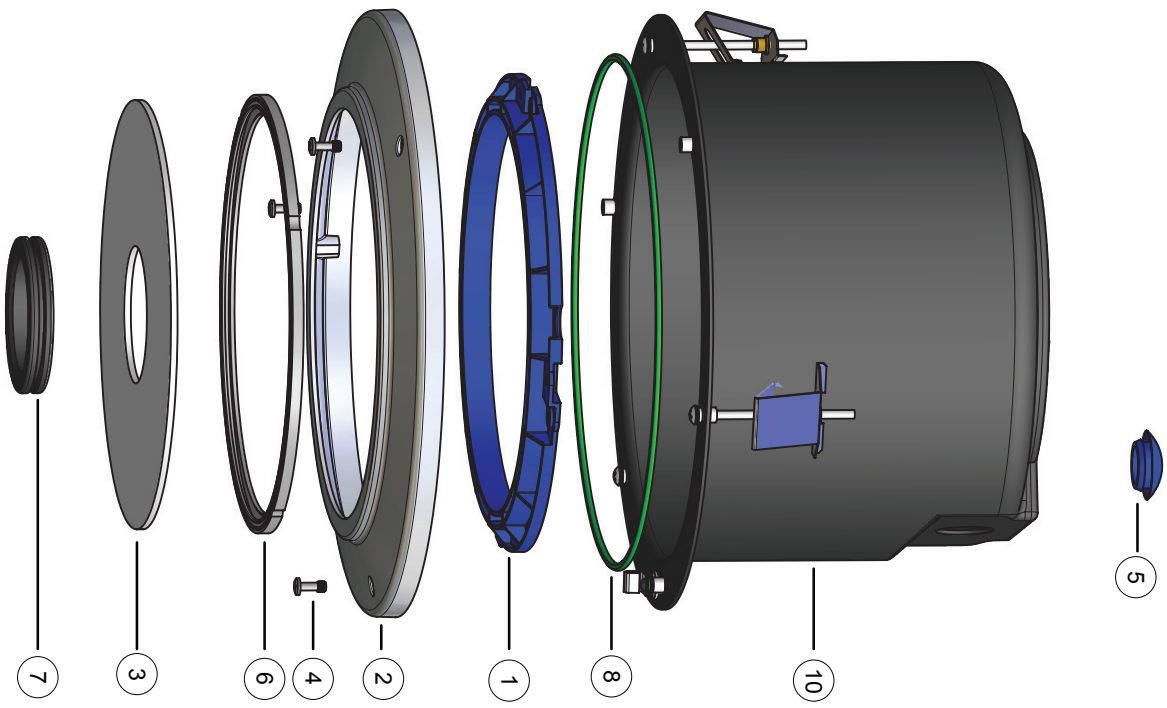


Secure the flush plate with grommet in place (alternate security screws are provided).

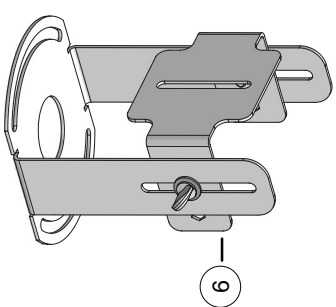
- Asegure la placa rasante con el ojal en el lugar (se proporcionan los tornillos alternos de la seguridad).
- Fixez le plat affleurant avec le canon isolant en place (des vis alternatives de sécurité sont fournies).
- Sichern Sie die ebene Platte mit Gummimuffe an der richtigen Stelle (wechselnde Sicherheitsschrauben werden zur Verfügung gestellt).
- Fixe a placa nivelada com ilhó no lugar (os parafusos alternos da segurança são fornecidos).
- Fissi il piatto a livello con il gommino di protezione sul posto (le viti alternate di sicurezza sono fornite).

Replacement Parts List

IRM306-1V



DESCRIPTION	REPLACEMENT PARTS NUMBER
1 RP30VL2435	7" DOME CLAMPING RING
2 RP30VL2884	RECESSED HOUSING TRIM RING
3 RP30VL3808	LENS PLATE
4 RP90BT3007	CAPTIVE SCREW
5 RP94F SV/P17	7/8" HOLE PLUG
6 RP96GK2558	DOME SEAL GASKET
7 RP96RSHG04	LENS GROMMET, 2-1/8 IN ID
8 RP96RSORG11	9.25 ID .136" ID O-RING
9 RPRH713	FIXED CAMERA BRACKET PACKET
10 RP45HRM71005	UPPER HOUSING ASSEMBLY



Product Registration/Warranty

Thank you for choosing Moog Videolarm. We value your patronage and are solely committed to providing you with the highest quality products available and superior customer service.

Should a problem arise, rest assure that Moog Videolarm stands behind its products by offering impressive warranty plans: 3 Years on all Housings, Poles, Power Supplies, and Accessories and 5 Years on camera systems (SView, QView, Warriors), and InfraRed Illuminators.



Register Your Products Online

Take a few moments and validate your purchase via the Online Product Registration Form at
www.videolarm.com/productregistration.jsp

Register your recent Moog Videolarm purchases and benefit from the following:

- Simple and Trouble-Free RMA process
- Added into customer database to receive product updates / news
- Eliminate the need to archive original purchase documents:
Receipts, Purchase Orders, etc...