

UNPM, UNPC, UNPDN, and UNPXF Series



Outdoor model shown



Security Systems

EN | Instruction Manual
Unity® Prepackaged
Cameras

BOSCH

Important Safeguards

1. **Read, Follow, and Retain Instructions** - All safety and operating instructions should be read and followed before operating the unit. Retain instructions for future reference.
2. **Heed Warnings** - Adhere to all warnings on the unit and in the operating instructions.
3. **Attachments** - Attachments not recommended by the product manufacturer should not be used, as they may cause hazards.
4. **Installation Cautions** - Do not place this unit on an unstable stand, tripod, bracket, or mount. The unit may fall, causing serious injury to a person and serious damage to the unit. Use only manufacturer-recommended accessories, or those sold with the product. Mount the unit per the manufacturer's instructions. Appliance and cart combination should be moved with care. Quick stops, excessive force, or uneven surfaces may cause the appliance and cart combination to overturn.
5. **Cleaning** - Unplug the unit from the outlet before cleaning. Follow any instructions provided with the unit. Generally, using a damp cloth for cleaning is sufficient. Do not use liquid cleaners or aerosol cleaners.
6. **Servicing** - Do not attempt to service this unit yourself. Opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
7. **Damage Requiring Service** - Unplug the unit from the main AC power source and refer servicing to qualified service personnel under the following conditions:
 - When the power supply cord or plug is damaged.
 - If liquid has been spilled or an object has fallen into the unit.
 - If the unit has been exposed to water and/or inclement weather (rain, snow, etc.).
 - If the unit does not operate normally, when following the operating instructions. Adjust only those controls specified in the operating instructions. Improper adjustment of other controls may result in damage, and require extensive work by a qualified technician to restore the unit to normal operation.
 - If the unit has been dropped or the cabinet damaged.
 - If the unit exhibits a distinct change in performance, this indicates that service is needed.
8. **Replacement Parts** - When replacement parts are required, the service technician should use replacement parts specified by the manufacturer or that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electrical shock or other hazards.
9. **Safety Check** - Upon completion of servicing or repairs to the unit, ask the service technician to perform safety checks to ensure proper operating condition.
10. **Power Sources** - Operate the unit only from the type of power source indicated on the label. If unsure of the type of power supply to use, contact your dealer or local power company.
 - For units intended to operate from battery power, refer to the operating instructions.
 - For units intended to operate **with External Power Supplies**, use only the recommended approved power supplies.
 - For units intended to operate with a limited power source, this power source must comply with EN60950. Substitutions may damage the unit or cause fire or shock.
 - For units intended to operate at 24VAC, normal input voltage is **24VAC**. Voltage applied to the unit's power input should not exceed 30VAC. User-supplied wiring, from the 24VAC supply to unit, must be in compliance with electrical codes (Class 2 power levels). Do not ground the 24VAC supply at the terminals or at the unit's power supply terminals.
11. **Coax Grounding** - If an outside cable system is connected to the unit, ensure that the cable system is grounded. U.S.A. models only - Section 810 of the National Electrical Code, ANSI/NFPA No.70, provides information regarding proper grounding of the mount and supporting structure, grounding of the coax to a discharge unit, size of grounding conductors, location of discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.
12. **Grounding** - This unit may be equipped with a 3-wire grounding plug (a plug with a third pin, for grounding). This safety feature allows the plug to fit into a grounding power outlet only. If unable to insert the plug into the outlet, contact an electrician to arrange replacement of the obsolete outlet. Do not defeat the safety purpose of the grounding plug.
 - Outdoor equipment should only be connected to the unit's inputs after this unit has had its grounding plug connected to a grounded outlet or its ground terminal properly connected to a ground source.
 - The unit's input connectors must be disconnected from outdoor equipment before disconnecting the grounding plug or grounding terminal.
 - Proper safety precautions such as grounding should be followed for any outdoor device connected to this unit.
13. **Lightning** - For added protection during a lightning storm, or when this unit is left unattended and unused for long periods of time, unplug the unit from the wall outlet and disconnect the cable system. This will prevent damage to the unit due to lightning and power line surges.

For Indoor Product

1. **Water and Moisture** - Do not use this unit near water - for example, in a wet basement, in an unprotected outdoor installation or in any area classified as a wet location.
2. **Object and Liquid Entry** - Never push objects of any kind into this unit through openings, as they might touch dangerous voltage points or create short circuits, resulting in a fire or electrical shock. Never spill liquid of any kind on the unit.
3. **Power Cord and Power Cord Protection** - For units intended to operate with 230VAC, 50Hz, the input and output power cord must comply with the latest versions of IEC Publication 227 or IEC Publication 245.
Power supply cords should be routed so they are not likely to be walked on or pinched. Pay particular attention to location of cords and plugs, convenience receptacles, and the point of exit from the appliance.
4. **Overloading** - Do not overload outlets and extension cords; this can result in a risk of fire or electrical shock.

For Outdoor Product

Power Lines - An outdoor system should not be located in the vicinity of overhead power lines, electric lights or power circuits, or where it may contact such power lines or circuits. When installing an outdoor system, extreme care should be taken to keep from touching power lines or circuits, as this contact might be fatal. U.S.A. models only - refer to the National Electrical Code Article 820 regarding installation of CATV systems.

For Rack-mount Product

1. **Ventilation** - Do not place this equipment in a built-in installation or rack, unless proper ventilation is provided, or the manufacturer's instructions were followed. The equipment must not exceed its maximum operating temperature requirements.
2. **Mechanical Loading** - When rack-mounting the equipment, ensure that a hazardous condition is not created by uneven mechanical loading.

Safety Precautions



CAUTION

RISK OF ELECTRIC SHOCK. DO NOT OPEN!



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



This symbol indicates the presence of uninsulated "dangerous voltage" within the product's enclosure that can cause an electric shock.



This symbol indicates the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



Installation should be performed by qualified service personnel only in accordance with the National Electrical Code or applicable local codes.



Power Disconnect. Units with or without ON-OFF switches have power supplied to the unit whenever the power cord is inserted into the power source; however, the unit is operational only when the ON-OFF switch is in the ON position. The power cord is the main power disconnect for all units.

FCC & ICES INFORMATION

(U.S.A. and Canadian Models Only)

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules and ICES-003 of Industry Canada. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and radiates radio frequency energy, and if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his expense.

Intentional or unintentional changes or modifications, not expressly approved by the party responsible for compliance, shall not be made. Any such changes or modifications could void the user's authority to operate the equipment. If necessary, the user should consult the dealer or an experienced radio/television technician for corrective action. The user may find the following booklet, prepared by the Federal Communications Commission, helpful: [How to Identify and Resolve Radio-TV Interference Problems](#). This booklet is available from the U.S. Government Printing Office, Washington, DC 20402, Stock No. 004-000-00345-4.

WARNING: This is a Class A product. In a domestic environment, this product may cause radio interference, in which case, the user may be required to take adequate measures.







Sécurité

	ATTENTION RISQUE D'ÉLECTROCUTION. NE PAS OUVRIR !	
<p>ATTENTION : POUR ÉVITER TOUT RISQUE D'ÉLECTROCUTION, N'ESSAYEZ PAS DE RETIRER LE CAPOT (OU LE PANNEAU ARRIÈRE). CET APPAREIL NE CONTIENT AUCUN COMPOSANT SUSCEPTIBLE D'ÊTRE RÉPARÉ PAR L'UTILISATEUR. CONFIEZ LA RÉPARATION DE L'APPAREIL À DU PERSONNEL QUALIFIÉ.</p>		
	Ce symbole signale que le produit renferme une « tension potentiellement dangereuse » non isolée susceptible de provoquer une électrocution.	
	Ce symbole invite l'utilisateur à consulter les instructions d'utilisation et d'entretien (dépannage) reprises dans la documentation qui accompagne l'appareil.	
	Attention : l'installation doit exclusivement être réalisée par du personnel qualifié, conformément au code national d'électricité américain (NEC) ou au code d'électricité local en vigueur.	
	Coupure de l'alimentation. Qu'ils soient pourvus ou non d'un commutateur ON/OFF, tous les appareils reçoivent de l'énergie une fois le cordon branché sur la source d'alimentation. Toutefois, l'appareil ne fonctionne réellement que lorsque le commutateur est réglé sur ON. Le débranchement du cordon d'alimentation permet de couper l'alimentation des appareils.	

Sicherheitshinweise

	VORSICHT ELEKTRISCHE SPANNUNG. NICHT ÖFFNEN!	
<p>VORSICHT: UM EINEN ELEKTRISCHEN SCHLAG ZU VERMEIDEN, IST DIE ABDECKUNG (ODER RÜCKSEITE) NICHT ZU ENTFERNEN. ES BEFINDEN SICH KEINE TEILE IN DIESEM BEREICH, DIE VOM BENUTZER GEWARTET WERDEN KÖNNEN. LASSEN SIE WARTUNGSARBEITEN NUR VON QUALIFIZIERTEM WARTUNGSPERSONAL AUSFÜHREN.</p>		
	Das Symbol macht auf nicht isolierte „gefährliche Spannung“ im Gehäuse aufmerksam. Dies kann zu einem elektrischen Schlag führen.	
	Der Benutzer sollte sich ausführlich über Anweisungen für die Bedienung und Instandhaltung (Wartung) in den begleitenden Unterlagen informieren.	
	Achtung! Die Installation sollte nur von qualifiziertem Kundendienstpersonal gemäß jeweils zutreffender Elektrovorschriften ausgeführt werden.	
	Unterbrechung des Netzanschlusses. Geräte mit oder ohne Netzschalter haben Spannung am Gerät anliegen, sobald der Netzstecker in die Steckdose gesteckt wird. Das Gerät ist jedoch nur betriebsbereit, wenn der Netzschalter (EIN/AUS) auf EIN steht. Wenn das Netzkabel aus der Steckdose gezogen wird, ist die Spannungszuführung zum Gerät vollkommen unterbrochen.	







Precauciones de Seguridad

	ATTENZIONE PERICOLO DI SCOSSA ELETTRICA. NON APRIRE.	
<p>PRECAUCIÓN: PARA DISMINUIR EL RIESGO DE DESCARGA ELÉCTRICA, NO RETIRE LA CUBIERTA (NI LA PARTE POSTERIOR). NO EXISTEN PIEZAS DE RECAMBIO EN EL INTERIOR DEL EQUIPO. EL PERSONAL DE SERVICIO CUALIFICADO SE ENCARGA DE REALIZAR LAS REPARACIONES.</p>		
	Este símbolo indica que existen puntos de tensión peligrosos sin aislamiento dentro de la cubierta de la unidad. Estos puntos pueden constituir un riesgo de descarga eléctrica.	
	El usuario debe consultar las instrucciones de funcionamiento y mantenimiento (reparación) en la documentación que se suministra con el aparato.	
	Atención: la instalación la debe realizar únicamente personal cualificado de conformidad con el National Electric Code o las normas aplicables en su país.	
	Desconexión de la alimentación. Las unidades con o sin interruptores de encendido/apagado reciben alimentación eléctrica siempre que el cable de alimentación esté conectado a la fuente de alimentación. Sin embargo, la unidad sólo funciona cuando el interruptor está en la posición de encendido. El cable de alimentación es la principal fuente de desconexión de todas las unidades.	

Veiligheidsmaatregelen

	VOORZICHTIG GEVAAR VOOR ELEKTRISCHE SCHOK. NIET OPENEN!	
<p>VOORZICHTIG: OPEN DE BEHUIZING OF DE ACHTERKANT VAN HET APPARAAT NIET. ZO VERMINDERT U HET RISICO OP ELEKTRISCHE SCHOKKEN. IN HET APPARAAT BEVINDEN ZICH GEEN ONDERDELEN DIE U ZELF KUNT REPAREREN. LAAT SERVICE EN ONDERHOUD UITVOEREN DOOR GEKWALIFICEERD PERSONEEL.</p>		
	Dit symbool geeft aan dat er binnen in het apparaat ongeïsoleerde, gevaarlijke spanning aanwezig is die mogelijk elektrische schokken kan veroorzaken.	
	De gebruiker dient de bedienings- en onderhoudsvoorschriften te raadplegen in de documentatie die werd meegeleverd met het apparaat.	
	Attentie: het apparaat mag alleen door gekwalificeerd personeel worden geïnstalleerd. De installatie dient in overeenstemming met de nationale elektrische richtlijnen of de van toepassing zijnde lokale richtlijnen te worden uitgevoerd.	
	Spanning uitschakelen. Apparatuur met of zonder aan-uitschakelaar staat onder spanning zolang de stekker is aangesloten op de wandcontactdoos. De apparatuur is uitsluitend in werking als de aan-uitschakelaar aan staat. Het netsnoer is de "hoofdschakelaar" voor alle apparatuur.	

Medidas de Segurança

	CUIDADO RISCO DE CHOQUE ELÉTRICO. NÃO ABRIR!	
<p>CUIDADO: PARA REDUZIR O RISCO DE CHOQUE ELÉTRICO, NÃO RETIRE A TAMPA (OU A PARTE POSTERIOR). NO INTERIOR, NÃO EXISTEM PEÇAS QUE POSSAM SER REPARADAS PELO UTILIZADOR. REMETA A ASSISTÊNCIA PARA OS TÉCNICOS QUALIFICADOS.</p>		
	Este símbolo indica a presença de "tensão perigosa" não isolada dentro da estrutura do produto, o que pode constituir risco de choque eléctrico.	
	O utilizador deve consultar as instruções de funcionamento e manutenção (assistência) nos documentos que acompanham o aparelho.	
	Atenção: a instalação deve ser executada apenas por técnicos qualificados da assistência, de acordo com o código eléctrico nacional ou os códigos locais aplicáveis.	
	Corte de corrente. As unidades com ou sem interruptores ON-OFF (ligar/desligar) recebem corrente sempre que o fio de alimentação está introduzido na fonte de alimentação; contudo, a unidade apenas está operacional quando o interruptor ON-OFF está na posição ON. O fio de alimentação destina-se a desligar a corrente em todas as unidades.	

Sicurezza

	ATTENZIONE PERICOLO DI SCOSSA ELETTRICA. NON AFRIRE.	
<p>ATTENZIONE: PER RIDURRE IL RISCHIO DI SCOSSE ELETTRICHE NON RIMUOVERE LA COPERTURA (O IL PANNELLO POSTERIORE). L'UNITÀ NON CONTIENE COMPONENTI INTERNI RIPARABILI DALL'UTENTE. PER QUALSIASI INTERVENTO, RIVOLGERSI A PERSONALE TECNICO QUALIFICATO.</p>		
	Questo simbolo indica la presenza di "tensione pericolosa" non isolata all'interno del contenitore del prodotto. Ciò comporta un potenziale rischio di scosse elettriche.	
	Si consiglia di consultare le istruzioni operative e di manutenzione (interventi tecnici) contenute nella documentazione fornita con il dispositivo.	
	Attenzione: l'installazione deve essere effettuata esclusivamente da personale tecnico qualificato in conformità con il National Electrical Code o con le normative locali vigenti.	
	Scollegamento dell'alimentazione. Le unità dotate o sprovviste di interruttori ON-OFF vengono alimentate quando si inserisce il cavo nella presa dell'alimentazione. L'unità è tuttavia in funzione solo quando l'interruttore ON-OFF si trova nella posizione ON. Il cavo di alimentazione costituisce il dispositivo di scollegamento dell'alimentazione principale per tutte le unità.	

安全预防措施

	CAUTION RISK OF ELECTRIC SHOCK. DO NOT OPEN!	
<p>注意：为避免受到电击，不要拆除机盖（或后盖）。用户不得擅自维修里面的部件。有关维修事项，请咨询合格的维修人员。</p>		
	此符号表示产品机壳内存在未绝缘的“危险电压”。这可能导致电击。	
	用户应参照设备附带的操作和维护（维修）说明。	
	注意：安装须由合格的维修人员遵照美国国家电工标准或相关电气规则进行。	
	断开电源。在电源线插入电源时，配备或未配备 ON-OFF 开关的设备都已通电；但设备只有在 ON-OFF 开关处于 ON 位置时才能工作。对于所有设备，电源线是断开电源的主要方式。	

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1.0 UNPACKING

This equipment should be unpacked and handled with care. If an item appears to have been damaged in shipment, notify the shipper.

Verify that all parts shown in the *Parts List* have been included. If any items are missing, notify your Bosch Security Systems Sales or Customer Service Representative.

The original packing carton is the safest container in which to transport the unit. Save it for possible future use.

1.1 Parts List

Qty	Item
1	Unit (verify package model number ordered)
1	Feed-through mount
1	Instruction booklet packet

Refer to APPENDIX A for a detailed list of the Camera, Lens, Housing, and Feed-through Mount model numbers included with the various package model numbers.

2.0 SERVICE

If the unit needs servicing, contact the nearest Bosch Security Systems Service Center for authorization to return and shipping instructions.

Service Centers

USA

Phone: 800-366-2283 / 585-340-4162

fax: 800-366-1329

e-mail: cctv.repair@us.bosch.com

CCTV Spare Parts

Phone: 800-894-5215 / 408-957-3065

fax: 408-935-5938

e-mail: BoschCCTVparts@ca.slr.com

Canada

Phone: 514-738-2434

fax: 514-738-8480

Europe, Middle East & Asia Pacific Region

Phone: 44 (0) 1495 274558

fax: 44 (0) 1495 274280

email: rmahelpdesk@solectron.com

For additional information, see

www.boschsecurity.com.

3.0 DESCRIPTION

The UNPM Series, UNPC Series, UNPDN Series, and UNPXF Series are complete camera packages that include a camera/lens pre-wired into a housing. A feed-through wall mount is also provided, as well as a sunshield on outdoor packages.

3.1 Model Summary

Refer to APPENDIX A for the resolution, lens, and system specifications for the various package models.

4.0 INSTALLATION



WARNING: This installation should be made by a qualified service person and conform to all local codes.

4.1 Operating Voltage

All Recommended operating voltage is 24 VAC, 60 Hz.

4.2 Preparing the Unit

Remove the mount and the housing assembly from the carton.

4.3 Mount

Prepare and secure the mount to the wall or mounting surface as described in the LTC 9215/00 Installation Manual included in the Instruction Booklet Packet.

4.4 Housing

Feed the cabling from the housing foot through the mount. Attach the housing to the mount using the two (2) M6 screws and washers provided in the hardware kit. For additional information, refer to the LTC 9215/00 Mount Installation Manual and HSG9483 Series Housing Installation Manual.

4.5 Line Power and Video Signal Connection

The external video coax cable is equipped with a female BNC connector for transmission of video. Route and connect video cable to the BNC connector. The external power cable is provided to allow for necessary stripping/preparation by the installer. For additional information, refer to the Installation Manuals included in the Instruction Booklet Packet.

4.6 Connections for F Suffix and N suffix Cameras

The connections for models containing fiber optic or twisted pair interfaces are covered in a separate Installation Instruction Addendum that is provided with those model types.

5.0 CAMERA/LENS ADJUSTMENT

The camera and lens come factory configured and ready for operation. If custom setup is required, refer to the camera Installation Instructions included in the Instruction Booklet Packet.

Outdoor models that include the LTC 3374/50 5-50 mm lens are supplied with a lens support bracket that protects the lens during shipment. If necessary, this bracket can be removed to allow access for lens adjustment. To remove the bracket, cut the cable tie and remove the screw as shown in the photo below.



6.0 SUNSHIELD

A sunshield is provided with the outdoor packages.

7.0 APPENDIX A

7.1 Model Numbers and System Specifications

Package Model No.	Camera	Lens	Housing	Mount	Sunshield	Resolution	Included Lens	System
MONOCHROME 1/3 in. STANDARD RESOLUTION								
UNPMS28	LTC 0335/20	LTC 3364/50	LTC 9480/00	LTC 9215/00S	---	380	2.8-10 mm Vari-focal	Indoor, Monochrome EIA, 24 VAC, 60 Hz
UNPMS28E	LTC 0335/20	LTC 3364/50	HSG9483/21	LTC 9215/00	See Note 1	380	2.8-10 mm Vari-focal	Outdoor, Monochrome EIA, 24 VAC, 60 Hz
UNPMS55	LTC 0335/20	LTC 3374/50	LTC 9480/00	LTC 9215/00S	---	380	5-50 mm Vari-focal	Indoor, Monochrome EIA, 24 VAC, 60 Hz
UNPMS55E	LTC 0335/20	LTC 3374/50	HSG9483/21	LTC 9215/00	See Note 1	380	5-50 mm Vari-focal	Outdoor, Monochrome EIA, 24 VAC, 60 Hz
MONOCHROME 1/3 in. HIGH RESOLUTION								
UNPMH28	LTC 0355/20	LTC 3364/50	LTC 9480/00	LTC 9215/00S	---	570	2.8-10 mm Vari-focal	Indoor, Monochrome EIA, 24 VAC, 60 Hz
UNPMH28E	LTC 0355/20	LTC 3364/50	HSG9483/21	LTC 9215/00	See Note 1	570	2.8-10 mm Vari-focal	Outdoor, Monochrome EIA, 24 VAC, 60 Hz
UNPMH55	LTC 0355/20	LTC 3374/50	LTC 9480/00	LTC 9215/00S	---	570	5-50 mm Vari-focal	Indoor, Monochrome EIA, 24 VAC, 60 Hz
UNPMH55E	LTC 0355/20	LTC 3374/50	HSG9483/21	LTC 9215/00	See Note 1	570	5-50 mm Vari-focal	Outdoor, Monochrome EIA, 24 VAC, 60 Hz
MONOCHROME 1/3 in. HIGH RESOLUTION, HIGH SENSITIVITY								
UNPXF2MH28	LTC 0385/20	LTC 3364/50	LTC 9480/00	LTC 9215/00S	---	570	2.8-10 mm Vari-focal	Indoor, Monochrome EIA, 24 VAC, 60 Hz
UNPXF2MH28E	LTC 0385/20	LTC 3364/50	HSG9483/21	LTC 9215/00	See Note 1	570	2.8-10 mm Vari-focal	Outdoor, Monochrome EIA, 24 VAC, 60 Hz
UNPXF2MH28EF	LTC 0385/20	LTC 3364/50	HSG9483/21	LTC 9215/00	See Note 1	570	2.8-10 mm Vari-focal	Outdoor, Monochrome EIA, 24 VAC, 60 Hz, w/Fiber
UNPXF2MH28EN	LTC 0385/20	LTC 3364/50	HSG9483/21	LTC 9215/00	See Note 1	570	2.8-10 mm Vari-focal	Outdoor, Monochrome EIA, 24 VAC, 60 Hz, w/UTP
UNPXF2MH55	LTC 0385/20	LTC 3374/50	LTC 9480/00	LTC 9215/00S	---	570	5-50 mm Vari-focal	Indoor, Monochrome EIA, 24 VAC, 60 Hz
UNPXF2MH55E	LTC 0385/20	LTC 3374/50	HSG9483/21	LTC 9215/00	See Note 1	570	5-50 mm Vari-focal	Outdoor, Monochrome EIA, 24 VAC, 60 Hz
UNPXF2MH55EF	LTC 0385/20	LTC 3374/50	HSG9483/21	LTC 9215/00	See Note 1	570	5-50 mm Vari-focal	Outdoor, Monochrome EIA, 24 VAC, 60 Hz, w/Fiber
UNPXF2MH55EN	LTC 0385/20	LTC 3374/50	HSG9483/21	LTC 9215/00	See Note 1	570	5-50 mm Vari-focal	Outdoor, Monochrome EIA, 24 VAC, 60 Hz, w/UTP
MONOCHROME 1/2 in. HIGH RESOLUTION, ULTIMATE SENSITIVITY								
UNPXF2MH75E	LTC 0510/20	LTC 3274/41	HSG9483/21	LTC 9215/00	See Note 1	570	7.5-75 mm Vari-focal	Outdoor, Monochrome EIA, 24 VAC, 60 Hz
UNPXF2MH75EF	LTC 0510/20	LTC 3274/41	HSG9483/21	LTC 9215/00	See Note 1	570	7.5-75 mm Vari-focal	Outdoor, Monochrome EIA, 24 VAC, 60 Hz, w/Fiber
UNPXF2MH75EN	LTC 0510/20	LTC 3274/41	HSG9483/21	LTC 9215/00	See Note 1	570	7.5-75 mm Vari-focal	Outdoor, Monochrome EIA, 24 VAC, 60 Hz, w/UTP
UNPXF2MH410E	LTC 0510/20	LTC 3764/20	HSG9483/21	LTC 9215/00	See Note 1	570	4-12 mm Vari-focal	Outdoor, Monochrome EIA, 24 VAC, 60 Hz
UNPXF2MH410EF	LTC 0510/20	LTC 3764/20	HSG9483/21	LTC 9215/00	See Note 1	570	4-12 mm Vari-focal	Outdoor, Monochrome EIA, 24 VAC, 60 Hz, w/Fiber
UNPXF2MH410EN	LTC 0510/20	LTC 3764/20	HSG9483/21	LTC 9215/00	See Note 1	570	4-12 mm Vari-focal	Outdoor, Monochrome EIA, 24 VAC, 60 Hz, w/UTP

Note 1: Sunshield included with housing.

Package Model No.	Camera	Lens	Housing	Mount	Sunshield	Resolution	Included Lens	System
COLOR 1/3 in. STANDARD RESOLUTION								
UNPCS28	LTC 0435/20	LTC 3364/50	LTC 9480/00	LTC 9215/00S	---	330	2.8-10 mm Vari-focal	Indoor, Color NTSC, 24 VAC, 60 Hz
UNPCS28E	LTC 0435/20	LTC 3364/50	HSG9483/21	LTC 9215/00	See Note 1	330	2.8-10 mm Vari-focal	Outdoor, Color NTSC, 24 VAC, 60 Hz
UNPCS55	LTC 0435/20	LTC 3374/50	LTC 9480/00	LTC 9215/00S	---	330	5-50 mm Vari-focal	Indoor, Color NTSC, 24 VAC, 60 Hz
UNPCS55E	LTC 0435/20	LTC 3374/50	HSG9483/21	LTC 9215/00	See Note 1	330	5-50 mm Vari-focal	Outdoor, Color NTSC, 24 VAC, 60 Hz
COLOR 1/3 in. HIGH RESOLUTION								
UNPCH28	LTC 0455/21	LTC 3364/50	LTC 9480/00	LTC 9215/00S	---	540	2.8-10 mm Vari-focal	Indoor, Color NTSC, 24 VAC, 60 Hz
UNPCH28E	LTC 0455/21	LTC 3364/50	HSG9483/21	LTC 9215/00	See Note 1	540	2.8-10 mm Vari-focal	Outdoor, Color NTSC, 24 VAC, 60 Hz
UNPCH55	LTC 0455/21	LTC 3374/50	LTC 9480/00	LTC 9215/00S	---	540	5-50 mm Vari-focal	Indoor, Color NTSC, 24 VAC, 60 Hz
UNPCH55E	LTC 0455/21	LTC 3374/50	HSG9483/21	LTC 9215/00	See Note 1	540	5-50 mm Vari-focal	Outdoor, Color NTSC, 24 VAC, 60 Hz
COLOR 1/3 in. HIGH RESOLUTION, HIGH SENSITIVITY								
UNPXFCH28	LTC 0485/21	LTC 3364/50	LTC 9480/00	LTC 9215/00S	---	540	2.8-10 mm Vari-focal	Indoor, Color NTSC, 24V AC, 60 Hz
UNPXFCH28E	LTC 0485/21	LTC 3364/50	HSG9483/21	LTC 9215/00	See Note 1	540	2.8-10 mm Vari-focal	Outdoor, Color NTSC, 24 VAC, 60 Hz
UNPXFCH28EF	LTC 0485/21	LTC 3364/50	HSG9483/21	LTC 9215/00	See Note 1	540	2.8-10 mm Vari-focal	Outdoor, Color NTSC, 24 VAC, 60 Hz, w/Fiber
UNPXFCH28EN	LTC 0485/21	LTC 3364/50	HSG9483/21	LTC 9215/00	See Note 1	540	2.8-10 mm Vari-focal	Outdoor, Color NTSC, 24 VAC, 60 Hz, w/UTP
UNPXFCH55	LTC 0485/21	LTC 3374/50	LTC 9480/00	LTC 9215/00S	---	540	5-50 mm Vari-focal	Indoor, Color NTSC, 24V AC, 60 Hz
UNPXFCH55E	LTC 0485/21	LTC 3374/50	HSG9483/21	LTC 9215/00	See Note 1	540	5-50 mm Vari-focal	Outdoor, Color NTSC, 24 VAC, 60 Hz
UNPXFCH55EF	LTC 0485/21	LTC 3374/50	HSG9483/21	LTC 9215/00	See Note 1	540	5-50 mm Vari-focal	Outdoor, Color NTSC, 24 VAC, 60 Hz, w/Fiber
UNPXFCH55EN	LTC 0485/21	LTC 3374/50	HSG9483/21	LTC 9215/00	See Note 1	540	5-50 mm Vari-focal	Outdoor, Color NTSC, 24 VAC, 60 Hz, w/UTP
COLOR 1/2 in. HIGH RESOLUTION, ULTIMATE SENSITIVITY								
UNPXF2CH75E	LTC 0610/21	LTC 3274/41	HSG9483/21	LTC 9215/00	See Note 1	540	7.5-75 mm Vari-focal	Outdoor, Color NTSC, 24 VAC, 60 Hz
UNPXF2CH75EF	LTC 0610/21	LTC 3274/41	HSG9483/21	LTC 9215/00	See Note 1	540	7.5-75 mm Vari-focal	Outdoor, Color NTSC, 24 VAC, 60 Hz, w/Fiber
UNPXF2CH75EN	LTC 0610/21	LTC 3274/41	HSG9483/21	LTC 9215/00	See Note 1	540	7.5-75 mm Vari-focal	Outdoor, Color NTSC, 24 VAC, 60 Hz, w/UTP
UNPXF2CH410E	LTC 0610/21	LTC 3764/20	HSG9483/21	LTC 9215/00	See Note 1	540	4-12 mm Vari-focal, IR Corrected	Outdoor, Color NTSC, 24 VAC, 60 Hz
UNPXF2CH410EF	LTC 0610/21	LTC 3764/20	HSG9483/21	LTC 9215/00	See Note 1	540	4-12 mm Vari-focal, IR Corrected	Outdoor, Color NTSC, 24 VAC, 60 Hz, w/Fiber
UNPXF2CH410EN	LTC 0610/21	LTC 3764/20	HSG9483/21	LTC 9215/00	See Note 1	540	4-12 mm Vari-focal, IR Corrected	Outdoor, Color NTSC, 24 VAC, 60 Hz, w/UTP

Note 1: Sunshield included with housing.

Package Model No.	Camera	Lens	Housing	Mount	Sunshield	Resolution	Included Lens	System
DAY/NIGHT 1/3 in. HIGH RESOLUTION, HIGH SENSITIVITY								
UNPDN28	LTC 0495/21	LTC 3664/40	LTC 9480/00	LTC 9215/00S	---	540	2.8-11 mm Vari-focal, IR Corrected	Indoor, Day/Night NTSC, 24 VAC, 60 Hz
UNPDN28E	LTC 0495/21	LTC 3664/40	HSG9483/21	LTC 9215/00	See Note 1	540	2.8-11 mm Vari-focal, IR Corrected	Outdoor, Day/Night NTSC, 24 VAC, 60 Hz
UNPDN28EF	LTC 0495/21	LTC 3664/40	HSG9483/21	LTC 9215/00	See Note 1	540	2.8-11 mm Vari-focal, IR Corrected	Outdoor, Day/Night NTSC, 24 VAC, 60 Hz, w/Fiber
UNPDN28EN	LTC 0495/21	LTC 3664/40	HSG9483/21	LTC 9215/00	See Note 1	540	2.8-11 mm Vari-focal, IR Corrected	Outdoor, Day/Night NTSC, 24 VAC, 60 Hz, w/UTP
UNPDN55	LTC 0495/21	F01U005600	LTC 9480/00	LTC 9215/00S	---	540	5-50 mm Vari-focal, IR Corrected	Indoor, Day/Night NTSC, 24 VAC, 60 Hz
UNPDN55E	LTC 0495/21	F01U005600	HSG9483/21	LTC 9215/00	See Note 1	540	5-50 mm Vari-focal, IR Corrected	Outdoor, Day/Night NTSC, 24 VAC, 60 Hz
UNPDN55EF	LTC 0495/21	F01U005600	HSG9483/21	LTC 9215/00	See Note 1	540	5-50 mm Vari-focal, IR Corrected	Outdoor, Day/Night NTSC, 24 VAC, 60 Hz, w/Fiber
UNPDN55EN	LTC 0495/21	F01U005600	HSG9483/21	LTC 9215/00	See Note 1	540	5-50 mm Vari-focal, IR Corrected	Outdoor, Day/Night NTSC, 24 VAC, 60 Hz, w/UTP
DAY/NIGHT 1/2 in. HIGH RESOLUTION, ULTIMATE SENSITIVITY								
UNP2DN104E	LTC 0620/21	LTC 3774/30	HSG9483/21	LTC 9215/00	See Note 1	540	10-40 mm Vari-focal, IR Corrected	Outdoor, Day/Night NTSC, 24 VAC, 60 Hz
UNP2DN104EF	LTC 0620/21	LTC 3774/30	HSG9483/21	LTC 9215/00	See Note 1	540	10-40 mm Vari-focal, IR Corrected	Outdoor, Day/Night NTSC, 24 VAC, 60 Hz, w/Fiber
UNP2DN104EN	LTC 0620/21	LTC 3774/30	HSG9483/21	LTC 9215/00	See Note 1	540	10-40 mm Vari-focal, IR Corrected	Outdoor, Day/Night NTSC, 24 VAC, 60 Hz, w/UTP
UNP2DN410E	LTC 0620/21	LTC 3764/20	HSG9483/21	LTC 9215/00	See Note 1	540	4-12 mm Vari-focal, IR Corrected	Outdoor, Day/Night NTSC, 24 VAC, 60 Hz
UNP2DN410EF	LTC 0620/21	LTC 3764/20	HSG9483/21	LTC 9215/00	See Note 1	540	4-12 mm Vari-focal, IR Corrected	Outdoor, Day/Night NTSC, 24 VAC, 60 Hz, w/Fiber
UNP2DN410EN	LTC 0620/21	LTC 3764/20	HSG9483/21	LTC 9215/00	See Note 1	540	4-12 mm Vari-focal, IR Corrected	Outdoor, Day/Night NTSC, 24 VAC, 60 Hz, w/UTP

Note 1: Sunshield included with housing.

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