



MINI CAMERAS



Small and compact: the Urmet micro cameras are ideal for locations in which discreet presence of the camera is needed and with a medium-to-short filming range. These devices implement a technology ensuring a high degree of reliability despite their small size. The promise has other solutions: the new **Smart-line** and **Pro-line** mini cameras offer better resolution and the convenience of being able to create made-to-measure configurations, for top-notch cost-effectiveness and excellent functions.



1090/185





1090/189




1090/188

BLACK AND WHITE MICRO CAMERAS

-  **1090/185** B/W micro camera, lens included, 12 Vdc
- Sensor: CCD 1/3"
 - Resolution: 420 TVL lines
 - Minimum light: 0.05 Lux /F 2
 - Lens: PINHOLE 3.7 mm F=2 opening 90°
 - Power: 12 Vdc \pm 10%
- Recommended power supply unit: 1092/800 or 1090/850 (see page 199)

-  **1090/189** Compact B/W micro camera, lens included, 12 Vdc.
- Sensor: 1/3" CCD
 - Resolution: 420 TVL lines (Horizontal)
 - Minimum light: 0.1 LUX /F =2
 - PINHOLE 3.7 mm lens
 - Power: 12 Vdc \pm 10%
- Recommended power supply unit: 1092/800 or 1090/850 (see page 199)

COLOUR MICRO CAMERA

-  **1090/188** Compact colour micro camera, lens included, 12 Vdc.
- Sensor: 1/3" CCD
 - Minimum luminosity: 2 Lux (F=2.0)
 - Resolution: 380 TVL lines
 - Lens: 3.6 mm/F2
 - Power: 12 Vdc \pm 10%
- Recommended power supply unit: 1092/800 or 1090/850 (see page 199)



BLACK AND WHITE/COLOUR MICRO CAMERA COMPARISON TABLE

	1090/185	1090/189	1090/188
CCD size	1/3"	1/3"	1/3"
Resolution	420	420	380
Camera type	B/W	B/W	Colour
Sensitivity (lux)	0.05 / F2	0.1 / F2	2 / F2
IR LEDS (n.)	-	-	-
IR LED coverage (m)	-	-	-
IR Cut filter	-	-	-
AWB	-	-	AUTO
AGC	AUTO	AUTO	AUTO
BLC	AUTO	AUTO	AUTO
Lens type	3.7 mm pinhole	3.7 mm pinhole	3.6 mm / F2
IP degree of protection	-	-	-
Power	12Vcc	12Vcc	12Vcc
Consumption (mA)	110	110	200
Dimensions (mm)	Ø 19 x 37 (W)	20 (W) x 20 (H) x 10 (D)	Ø 23 x 65 (W)
Weight (g)	55	50	55

MINI CAMERAS



1092/128



1092/201



1092/201H



1092/202



1092/202H

FIXED LENS DAY & NIGHT MINI CAMERAS

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- 1092/128 new** Day & Night mini camera, 1/4" 3.6 mm with LED IR Power 12 Vdc
Day & Night mini camera with 420 line resolution, 3.6 mm fixed integrated lens and infrared LED for night vision.
- Sensor: CCD 1/4"
 - Resolution: 420 TVL
 - Number of LEDs: 12
 - IR light range: 8 m
 - Lens: 3.6 mm/F2
 - Degree of protection: IP65
 - Power: 12 Vdc
 - Recommended power supply unit: 1092/800 or 1092/801
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- 1092/201** Day & Night mini camera, 1/3" 4 mm with LED IR
Day & Night mini camera with standard resolution, 4 mm fixed integrated lens and infrared LED for night vision.
- Sensor: CCD 1/3"
 - Resolution: 420 TVL lines
 - Number of LEDs: 12
 - Lens: 4 mm/F2
 - Degree of protection: IP67
 - Power: 12 Vdc
 - Recommended power supply unit: 1092/800 or 1092/801 (see page 199)
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- 1092/201H new** Day & Night mini camera, 1/3" 4 mm with LED IR- IR Cut filter
Day & Night mini camera with high-level features capable of combining competitive costs and high performance, such as an IR-cut mechanical filter, 480 lines, 4 mm integrated fixed lens and infrared LED for night vision.
- Sensor: CCD 1/3"
 - Resolution: 480 TVL lines
 - IR Cut filter
 - Number of LEDs: 12
 - IR light range: 12 m
 - Lens: 4 mm/F2
 - Degree of protection: IP67
 - Power: 12 Vdc
 - Recommended power supply unit: 1092/800 or 1092/801
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- 1092/202** Day & Night mini camera, 1/3" 8 mm with LED IR
Day & Night mini camera with standard resolution, 8 mm fixed integrated lens and infrared LED for night vision.
- Sensor: CCD 1/3"
 - Resolution: 420 TVL lines
 - Number of LEDs: 24
 - Lens: 8 mm/F2
 - Degree of protection: IP67
 - Power: 12 Vdc
 - Recommended power supply unit: 1092/800 or 1092/801 (see page 199)
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- 1092/202H new** Day & Night mini camera, 1/3" 8 mm with LED IR- IR Cut filter
Day & Night mini camera with high-level features capable of combining competitive costs and high performance, such as an IR-cut mechanical filter, 480 lines, 8 mm integrated fixed lens and infrared LED for night vision.
- Sensor: CCD 1/3"
 - Resolution: 480 TVL lines
 - IR Cut filter
 - Number of LEDs: 24
 - IR light range: 15 m
 - Lens: 8 mm/F2
 - Degree of protection: IP67
 - Power: 12 Vdc
 - Recommended power supply unit: 1092/800 or 1092/801
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1092/204



1092/205

VARIFOCAL LENS DAY & NIGHT MINI CAMERAS

-  **1092/204 new** Day & Night mini camera, 1/3" 4-9 mm with LED IR. Power 12 Vdc
Day & Night mini camera suitable for any installation, 420 TVL, varifocal 4-9 mm lens, with infrared LED for night vision.
- Sensor: CCD 1/3" Sony
 - Resolution: 420 TVL lines
 - Number of LEDs: 42
 - IR light range: 30 m
 - Lens: Varifocal 4-9 mm/F2
 - Degree of protection: IP66
 - Power: 12 Vdc
- Recommended power supply unit: 1092/801

-  **1092/205 new** Day & Night mini camera, 1/3" 4-9 mm with LED IR and IR Cut filter. Power 12 Vdc
Day & Night mini camera with high-level features capable of combining competitive costs and high performance, such as an IR-cut mechanical filter, 480 TVL, varifocal 4-9mm lens and infrared LED for night vision.
- Sensor: CCD 1/3" Sony
 - Resolution: 480 TVL lines
 - IR Cut filter
 - Number of LEDs: 42
 - IR light range: 30 m
 - Lens: Varifocal 4-9 mm/F2
 - Degree of protection: IP66
 - Power: 12 Vdc
- Recommended power supply unit: 1092/801

SMART LINE 540 TVL

Day & Night mini camera with varifocal lens **new**

Continuous research, technological progress and the constant dedication of Urmet Domus aimed at creating increasingly more competitive products have created **SMART-LINE**, a range of cameras offering high performance and low cost. The quality features of this family of cameras – all characterised by 540TVL video resolution and varifocal lenses for wide framing ranges – put this camera at the top of the Urmet Domus range.



1092/207


-  **1092/207 new** Day & Night mini camera, 1/3" 3,5-16 mm with LED IR. Power 12 Vdc
SMART-LINE
Very high performance Day & Night mini camera, simple to use, 540 TVL, varifocal 3.5-16 mm lens, with infrared LED for night vision.
- 1/3" super HAD CCD Sensor
 - 3.5-16mm lens
 - 540 line horizontal resolution
 - Number of LEDs: 36
 - LED range/coverage angle 45m/60°
 - Degree of protection: IP66
 - Power: 12Vdc
 - Consumption: 550mA
 - Dimensions: 89 x 145 mm
 - Bracket included
- Recommended power supply unit: 1092/801.

MINI CAMERAS



1092/208

SMART LINE 540 TVL DAY & NIGHT MINI CAMERA WITH VARIFOCAL LENS

 **1092/208 new** Day & Night mini camera, 1/3" 2.8-11 mm with LED IR, IR Cut Filter and OSD menu. Power 12 Vdc **SMART-LINE**

Very high performance Day & Night mini camera, simple to use, with mechanical IR-cut filter, 540 TVL resolution, varifocal 2.8-11mm lens, OSD menu, Privacy Zones, Motion Detector, DSS (Digital Slow Shutter) and DNR (Dynamic Noise Reduction) functions, with infrared LED for night vision.

- 1/3" super HAD CCD Sensor
- 2.8-11 mm lens
- 540 line horizontal resolution
- IR Cut Filter
- AWB, AGC and BLC programmable using OSD menu
- Number of LEDs: 36;
- LED range/coverage angle: 40m/60°
- 4 Privacy Zones
- Motion detector
- Degree of protection: IP66
- Power: 12Vdc
- Consumption: 400mA;
- Dimensions: 80 x 183 mm
- Bracket included

Recommended power supply unit: 1092/801

1092/210 new Day & Night mini camera, 1/3" 9-22mm with LED IR, IR Cut Filter and OSD menu. Power 12 Vdc **SMART-LINE**

Very high performance Day & Night mini camera, simple to use, IR-cut mechanical filter, 540 TVL, varifocal 9-22mm lens, OSD menu with Privacy and Motion functions, and night vision infrared LED.

- 1/3" super HAD CCD Sensor
- 9-22 mm lens
- 540 line horizontal resolution
- IR Cut Filter
- Number of LEDs: 36
- LED range/coverage angle 45m/60°
- 4 Privacy Zones
- Motion detector
- Degree of protection: IP66
- Power: 12Vdc
- Consumption: 400mA
- Dimensions: 103 x 207 mm
- Bracket included

Recommended power supply unit: 1092/801

Day & Night mini cameras **new** PRO-LINE 580 TVL varifocal lens **PL**

In all critical lighting conditions and when each available parameter needs to be fine-tuned to obtain the best results, users today can choose **PRO-LINE**, the range of professional mini cameras and mini dome cameras with varifocal lens designed by Urmet Domus. The technological features offer excellent performance. For example, features include 580TVL video resolution, high sensitivity for filming in dark conditions, motion detection, possibility of defining privacy areas and digital zoom. DRC (Dynamic Range Compensation) functions for filming in critical lighting conditions, gain control, white balance, dynamic noise reduction and DSS (Digital Slow Shutter) are only some of the parameters that can be controlled using the handy OSD menu.



1092/206

1092/206 new Day & Night mini camera, 1/3" 4-9 mm with LED IR, IR Cut Filter and OSD menu. Power 12 Vdc **PRO-LINE**

Professional Day & Night mini camera with high performance, such as: mechanical IR-cut filter, 580 TVL resolution, varifocal 4-9 mm lens, OSD menu, Privacy Zones, Motion Detector, DSS (Digital Slow Shutter) and DNR (Dynamic Noise Reduction) functions. With night vision infrared LED.

- 1/3" super HAD CCD Sensor
- 4-9 mm lens
- 580 line horizontal resolution
- IR Cut Filter
- Back Light Compensation: OFF/ON/DRC (Dynamic range control)
- Number of LEDs: 36
- LED range/coverage angle: 40m/60°
- Digital Slow Shutter (DSS)
- DNR (Dynamic Noise Reduction)
- 8 Privacy Zones
- Motion Detector 16 x 12
- Digital Zoom x 256
- Degree of protection: IP66
- Power: 12Vdc
- Consumption: 600mA
- Dimensions: 102 x 195 mm
- Bracket included

Recommended power unit: 1092/801.



1092/209

1092/209 new Day & Night mini camera, 1/3" 3.5-16 mm with LED IR, IR Cut Filter and OSD menu. Power 12 Vdc **PRO-LINE**

Professional Day & Night mini camera with high performance, such as: mechanical IR-cut filter, 580 TVL resolution, varifocal 3.5-16 mm lens, OSD menu, Privacy Zones, Motion Detector, DSS (Digital Slow Shutter) and DNR (Dynamic Noise Reduction) functions. With night vision infrared LED.

- 1/3" super HAD CCD Sensor
- 3.5-16 mm lens
- 580 line horizontal resolution
- IR Cut Filter
- Back Light Compensation: OFF/ON/DRC (Dynamic range control)
- Number of LEDs: 36
- LED range/coverage angle: 45m/60°
- Digital Slow Shutter (DSS)
- DNR (Dynamic Noise Reduction)
- 8 Privacy Zones
- Motion Detector 16 x 12
- Digital Zoom x 256
- Mirror/Flip
- Degree of protection: IP66
- Power: 12Vdc
- Consumption: 600mA
- Dimensions: 102 x 195 mm
- Bracket included

Recommended power unit: 1092/801.

MINI CAMERAS



1092/211

DAY & NIGHT MINI CAMERAS PRO-LINE 580 TVL VARIFOCAL LENS PL

1092/211 new Day & Night mini camera, 1/3" 6-20 mm with LED IR, IR Cut Filter and OSD menu. Power 12 Vdc **PRO-LINE**

Professional Day & Night mini camera with high performance, such as: mechanical IR-cut filter, 580 TVL resolution, varifocal 6-50 mm lens, OSD menu, Privacy Zones, Motion Detector, DSS (Digital Slow Shutter) and DNR (Dynamic Noise Reduction) functions, and night vision infrared LED.

- 1/3" super HAD CCD Sensor
 - 6-50mm lens
 - 580 line horizontal resolution
 - IR Cut Filter
 - Back Light Compensation: OFF/ON/DRC (Dynamic range control)
 - Number of LEDs: 16 very high efficiency
 - LED range/coverage angle: 50m/45°
 - Digital Slow Shutter (DSS)
 - DNR (Dynamic Noise Reduction)
 - 8 Privacy Zones
 - Motion Detector 16 x 12
 - Digital Zoom x 256
 - Mirror/Flip
 - Degree of protection: IP66
 - Power: 12Vdc
 - Consumption: 650mA
 - Dimensions: 102 x 195 mm
 - Bracket included
- Recommended power supply unit: 1092/801.

1092/212 new Day & Night mini camera, 1/3" 6-50 mm with long-range LED IR, IR Cut Filter and OSD menu. Power 12 Vdc **PRO-LINE**

Professional Day & Night mini camera with high performance, such as: mechanical IR-cut filter, 580 TVL resolution, varifocal 6-50 mm lens, OSD menu, Privacy Zones, Motion Detector, DSS (Digital Slow Shutter) and DNR (Dynamic Noise Reduction) function, and long-range night vision infrared LED.

- 1/3" super HAD CCD Sensor
 - 6-50 mm lens
 - 580 line horizontal resolution
 - IR Cut Filter
 - Back Light Compensation: OFF/ON/DRC (Dynamic range control)
 - Number of LEDs: 48
 - LED range/coverage angle: 80m/45°
 - Digital Slow Shutter (DSS)
 - DNR (Dynamic Noise Reduction)
 - 8 Privacy Zones
 - Motion Detector 16 x 12
 - Digital Zoom x 256
 - Mirror/Flip
 - Degree of protection: IP66
 - Power: 12Vdc
 - Consumption: 650mA
 - Dimensions: 275 x 195 mm
 - Bracket included
- Recommended power supply unit: 1092/801.
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NOTE: See Day & Night varifocal mini camera comparison table on page 178.



1092/200

DAY & NIGHT MINI CAMERAS

-  **1092/200**** Day & Night high-performance mini camera with IR and hood
- Sensor: CCD 1/3" Sony
 - Resolution: 550 TVL lines
 - IR cut-off filter
 - Number of IR LEDs: 18
 - Sensitivity: Day (0.3 Lux); Night (0 Lux with IR LED on)
 - Lens: varifocal 3.8 - 9.5 mm F1.2 Aspherical Autoiris
 - Degree of protection: IP65
 - Power: 12 Vdc
- Recommended power supply unit: 1092/801 (see page 199).
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ACCESSORIES

- 1090/190** **Microphone for audio applications**
 Microphone for audio applications, suitable and compatible with micro cameras in the range. Connectors: JACK power IN, JACK power OUT, RCA audio signal.
 Power: 12 Vdc \pm 10%
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** Contact the sales network for availability.

MINI CAMERAS

MINI CAMERA COMPARISON TABLE

	1092/128	1092/201	1092/201H	1092/202	1092/202H	1092/204	1092/205
CCD size	1/4"	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"
Resolution	420TVL	420	480TVL	420	480TVL	420TVL	480TVL
Camera type	D&N	D&N	D&N	D&N	D&N	D&N	D&N
Sensitivity (LUX)	0 IR ON	0 IR ON	0 IR ON	0 IR ON	0 IR ON	0 IR ON	0 IR ON
IR LEDS (n.)	12	12	12	24	24	42	42
Coverage/angle LED IR	8m	18m	12m	15m	15m	30m/45°-60°	30m/45°-60°
IR Cut filter	NO	-	YES	-	YES	NO	YES
AWB	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
AGC	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
BLC	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
DSS (Digital Slow Shutter)	NO	NO	NO	NO	NO	NO	NO
DNR (Dynamic Noise Reduction)	NO	NO	NO	NO	NO	NO	NO
Lens type (mm)	3,6	4	4	8	8	4-9	4-9
Autoiris	Manual	Manual	Manual	Manual	Manual	Manual	Manual
OSD	NO	NO	NO	NO	NO	NO	NO
Special functions	NO	NO	NO	NO	NO	NO	NO
IP degree	IP65	IP67	IP67	IP67	IP67	IP66	IP66
Power	12Vcc	12Vcc	12Vcc	12Vcc	12Vcc	12Vcc	12Vcc
Consumption	180mA	280mA	280mA	380mA	350mA	470mA	495mA
Dim. Ø x (W) mm	50 x 60	70 x 90	70 x 90	80 x 110	80 x 100	83 x 140	83 x 140
Weight (without bracket) (g)	130	180	200	240	280	400	400



MINI CAMERA COMPARISON TABLE

	1092/206 PL	1092/207 SL	1092/208 SL	1092/209 PL	1092/210 SL	1092/211 PL	1092/212 PL
CCD size	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"
Resolution	580TVL	540TVL	540TVL	580TVL	540TVL	580TVL	580TVL
Camera type	D&N	D&N	D&N	D&N	D&N	D&N	D&N
Sensitivity (LUX)	0 IR ON	0 IR ON	0 IR ON	0 IR ON	0 IR ON	0 IR ON	0 IR ON
IR LEDS (n.)	36	36	36	36	36	16	48
Coverage/angle LED IR	40m/60°	45m/45°-60°	40m/60°	45m/45°-60°	45m/60°	50m/10° -45°	80m/45°
IR Cut filter	YES	NO	YES	YES	YES	YES	YES
AWB	Adjustable	AUTO	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable
AGC	Adjustable	AUTO	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable
BLC	BLC/DRC	AUTO	ON/OFF	BLC/DRC	ON/OFF	BLC/DRC	BLC/DRC
DSS (Digital Slow Shutter)	YES	NO	NO	YES	NO	YES	YES
DNR (Dynamic Noise Reduction)	YES	NO	NO	YES	NO	YES	YES
Lens type (mm)	4-9	3,5-16	2,8-11	3,5-16	9-22	6-50	6-50
Autoiris	DC	DC	Manual	DC	Manual	DC	DC
OSD	YES	NO	YES	YES	YES	YES	YES
Special functions	High sensitivity Motion Detection Privacy Digital Zoom Eclipse Mirror - Titles	NO	Privacy Motion Detection Mirror Titles	High sensitivity Motion Detection Privacy Digital Zoom Eclipse Mirror - Titles	Privacy Motion Detection Mirror Titles	High sensitivity Motion Detection Privacy Digital Zoom Eclipse Mirror - Titles	High sensitivity Motion Detection Privacy Digital Zoom Eclipse Mirror - Titles
IP degree	IP66	IP66	IP66	IP66	IP66	IP66	IP66
Power	12Vcc	12Vcc	12Vcc	12Vcc	12Vcc	12Vcc	12Vcc
Consumption	600mA	550mA	400mA	600mA	400mA	650mA	650mA
Dim. Ø x (W) mm	102 x 195	89 x 145	80 x 183	102 x 195	103 x 207	102 x 195	275 x 195
Weight (without bracket) (g)	1000	800	1000	1000	1000	1500	1500