



# EASY DOME



- High speed
- Sony camera module
- Wall or ceiling bracket
- Power Box option
- Advanced functions  
(remote control, privacy zone, etc)

For top security needs, in which a wide range of lenses and highly specialised functions are needed (such as privacy zone for masking out some areas of the picture), here is the Urmet Easy Dome range: high-tech solutions, Day & Night modules, zoom lens with autofocus, control panel, variable speed, panning and tilting functions.

The Easy Dome is naturally integrated with all video surveillance system, extending (with the use of DVR or DVS) their management also to the remote SW platform.

### Easy Dome III with wall bracket



Easy Dome III  
192/670 - /671 - /672



Bracket  
1092/680



### Easy Dome III with wall bracket and Power Box



Easy Dome III  
192/670 - /671 - /672



Bracket  
1092/680



Power Box  
1092/684



### Easy Dome III with ceiling bracket



Easy Dome III  
192/670 - /671 - /672



Bracket  
1092/681



### Easy Dome III with ceiling bracket and Power Box



Easy Dome III  
192/670 - /671 - /672



Bracket  
1092/681



Power Box  
1092/684





# EASY DOME



1092/650



1092/665



1092/651



1092/652



1092/653



1092/654

## Easy Dome II

Efficient and easy to install, the new Easy Dome II complements the CCTV range and expresses the continuous technological evolution of Urmet Domus. More discreet and compact, the new Easy Dome II fits Sony camera modules provided with 26x optical zoom or 36X digital zoom. Integrated high-speed tilting and panning function for horizontal (360° continuous) and vertical movements (90°). Noteworthy features of the new product include auto-tracking of moving objects, 26X or 36X optical zoom and 12X digital zoom, automatic and/or manual focus adjustment, maximum manual panning speed of 240°/s and tilting speed of 160°/s; 256 programmable preset positions; 4 alarm inputs and 2 alarm outputs. Can be arranged in any type of environment for versatile, extreme easy assembly. Easy Dome II provides remarkable professional performance at extraordinary quality-price ratio. With a full range of accessories: ceiling assembly kit and false ceiling assembly kit, with external/internal brackets (all with power supply included); control panel with 8 video inputs and 20 outputs.

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- 📷 1092/650 Easy Dome II Zoom 26X day & night camera module, 256 Preset positions and Autotracking

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  - 📷 1092/665 **new** Easy Dome II Zoom 26X day & night camera module, 36Xzoom, 256 Preset positions and Autotracking

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## EASY DOME II SERIES ACCESSORIES

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- 📷 1092/651 Easy Dome II assembly kit with indoor wall bracket  
The kit for use with Easy Dome II 1092/650 camera module includes:
    - Wall support
    - Housing with thermostat and fan
    - Tinted dome
    - Power supply units

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  - 📷 1092/652 Easy Dome II assembly kit with wall bracket and outdoor connection box IP66  
The kit for use with Easy Dome II 1092/650 camera module includes:
    - Wall support with IP66 connection box
    - Housing with thermostat and fan
    - Tinted dome
    - Power unit included in connection box

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  - 📷 1092/653 Easy Dome II ceiling assembly kit  
The kit for use with Easy Dome II 1092/650 camera module includes:
    - Housing for assembly on false ceiling
    - Tinted dome
    - Power supply units

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  - 📷 1092/654 Easy Dome II false ceiling assembly kit  
The kit for use with Easy Dome II 1092/650 camera module includes:
    - Housing (base + body) for assembly to the ceiling
    - Tinted dome
    - Power supply units

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  - 1092/655 Easy Dome II corner adapter  
Adapter for installing Easy Dome II cameras in wall corners.  
Suitable for use with items 1092/651 and 1092/652.

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  - 1092/656 Easy Dome II pole adapter  
Adapter for installing Easy Dome II cameras on poles.  
Suitable for use with items 1092/651 and 1092/652.

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  - 1092/657 Easy Dome II vandal-proof dome  
Suitable for use with items 1092/651, 1092/652 and 1092/654

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NOTE: more accessories in common to all Easy Dome cameras on page 194.

## Easy Dome III

In keeping with other product ranges, the Urmet Domus Easy Dome series has evolved, featuring the third generation today. Easy Dome III is designed for satisfying the highest expectations in terms of quality, performance and competitiveness.

High-efficiency, easy installation and technological evolution are the key features of the new range.

The new Easy Dome III use Sony camera modules and have three performance targets:

- 26 x optical and 12X digital module, 530TVL and WDR function
- 26 x optical and 12X digital module, 480TVL with stabiliser
- 36 x optical and 12X digital module, 530TVL and WDR function

The actuation mechanics, the care for details and the full range of accessories complete the range: finding the right answer for all installation needs in relation to the type of video system being made is easy.

1092/670	Easy Dome III with day & night camera, 36X zoom, 530TVL with WDR
1092/671	Easy Dome III with day & night camera, 26X zoom, 530TVL with WDR
1092/672	Easy Dome III with day & night camera, 26X zoom, 480TVL with stabiliser

### EASY DOME III SERIES ACCESSORIES

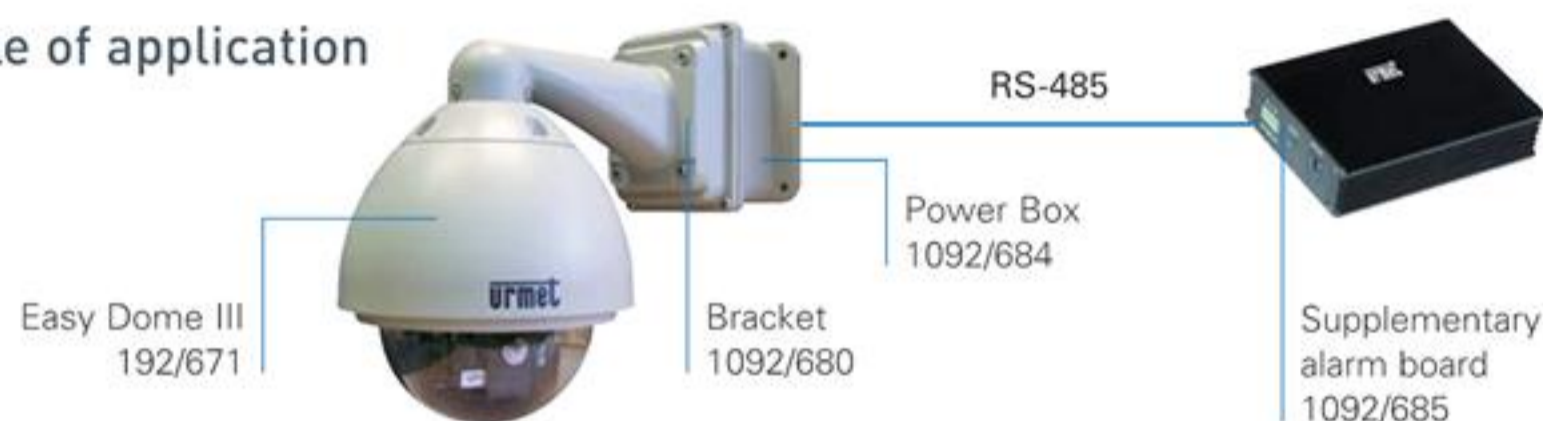
1092/680	<b>Wall bracket for Easy Dome III</b> Bracket for fitting Easy Dome III on the wall (1092/670, 1092/671 and 1092/672). Usable also on Power Box 1092/684 and with angle adapter 1092/682 and pole adapter 1092/683.
1092/681	<b>Ceiling mounting kit for Easy Dome III and Thera 4</b> Bracket for fitting Easy Dome III on the ceiling (1092/670, 1092/671 and 1092/672). Usable by means of a adapter (included) on Power Box 1092/684 for Easy Dome III and Power Box 1092/627 for Thera 4.
1092/682	<b>Angle adapter for Easy Dome III and Thera 4</b> Angle adapter for installing Easy Dome III and Thera 4. The adapter can be used with Easy Dome III and Thera Power Box and wall bracket (Easy Dome III only).
1092/683	<b>Pole adapter for Easy Dome III and Thera 4</b> Pole adapter for installing Easy Dome III and Thera 4. The adapter can be used with Easy Dome III and Thera Power Box and wall bracket (Easy Dome III only).
1092/684	<b>Power Box for Easy Dome III</b> The Power Box is a unit with a IP66 degree of protection which contains: <ul style="list-style-type: none"> <li>- power supply unit 230Vac output 24Vac</li> <li>- quick coupling connection wires for connecting to the camera module.</li> <li>- board with 8 In for programmable alarm actions on Easy Dome III and 1 Out for alarm relays. The board is connected to the camera module by means of RS-485 connection.</li> </ul> For use on Easy Dome III.

## EASY DOME

## EASY DOME III SERIES ACCESSORIES

- 1092/685** **Supplementary alarm board (8 in / 1 Out) for indoor use**  
Remote board connectable in RS-485 for using 8 alarm inputs. Manages programming alarm actions and preset positions on Easy Dome III and Thera 5. Manages Thera 4 and 5 preset position only. External power supply unit 12V-600mA required (Urmet Domus 1092/801).  
Metallic indoor casing.

## Example of application



## ACCESSORIES FOR EASY DOME II AND EASY DOME III



1092/660

- 1092/660** **Data distributor RS485 1In / 4Out**  
Device for use for RS485 data line distribution characterised by 1 input and 4 output.
- Maximum number of devices connectable in series: 2
  - Maximum number of devices connectable in parallel: 16
  - Distance of single segment: max. 1200 m
  - Total distance (from first to last device): max. 2400 m
  - Working temperature range: -5 ~45°C
  - Input voltages 12Vdc - 250mA
- Recommended power supply unit: 1092/800



1092/690

- 1092/690** **Easy Dome II and III standard control panel**  
1092/690 control panel for Easy Dome II programming.
- Three-axis joystick for PAN/TILT/ZOOM movements
  - OSD menu in English
  - RS485 - RS422 connection
  - Power: 230Vac
  - Dimensions: 312 (L) x 210 (H) x 80 (D)

- 1092/691** **Easy Dome II and III control panel with 8In video 2Out**  
The 1092/691 control panel has the same functions as the 1090/690 control panel, with the addition of 8 inputs and 2 video outputs. Eight video signals can be managed directly from the control panel.
- Three-axis joystick for PAN/TILT/ZOOM movements
  - OSD menu in English
  - 8 video inputs (1.0 Vpp / 75 ohm)
  - 2 video outputs (1.0 Vpp / 75 ohm)
  - RS485 - RS422 connection
  - Power: 230 Vac
  - Dimensions: 312 (L) x 210 (H) x 80 (D)



1092/692

- 1092/692** **Multiple purpose control panel**  
The control panel allows to remotely control Easy Domes and in general all devices capable of receiving Pelco D controls. The control panel 1092/692 is also compatible with SYSTEM series DVR.
- Three-axis joystick for PAN/TILT/ZOOM movements
  - OSD menu in English
  - RS485 - RS422 connection (connectors RJ45)
  - For controlling SYSTEM and SYSTEM-S DVRs
  - Power: 12Vdc
  - Dimensions: 345 (L) x 185 (H) x 100 (D)



## EASY DOME COMPARISON TABLE

		EASY DOME II		EASY DOME III			
		1092/650	1092/665	1092/670	1092/671	1092/672	
Cameras	MCamera module	Sony Exview 1/4" HAD		Sony Exview 1/4" HAD			
	Sensitive elements (pixel)	Approx. 440.000 pixels		Approx. 440.000 pixels			
	Sensitivity (lux)	1.0 lux (F1.6, 1/50s 50IRE) Colour 0.01 lux (ICR-ON, F1.6, 1/3s, 50IRE) B/W	1.4 lux (F1.6, 1/50s 50IRE) Colour 0.01 lux (ICR-ON, F1.6, 1/3s, 50IRE) B/W	1.4 lux (F1.6, 1/50s 50IRE) Colour 0.01 lux (ICR-ON, F1.6, 1/3s, 50IRE) B/W	1.0 lux (F1.6, 1/50s 50IRE) Colour 0.01 lux (ICR-ON, F1.6, 1/3s, 50IRE) B/W	1.0 lux (F1.6, 1/50s 50IRE) Colour 0.01 lux (ICR-ON, F1.6, 1/3s, 50IRE) B/W	
	TVL Horizontal resolution	480		530	530	480	
	Signal/noise ratio (dB)	>50dB		>50dB			
	Synchronization	Internal		Internal			
	Day/Night	●		●			
Lens	Zoom Ottico	26x (f=3,5-91mm)	36x (f=3,4-122mm)	36x (f=3,4-122mm)	26x (f=3,5-91mm)	26x (f=3,5-91mm)	
	Zoom Digitale	12x	12x	12x			
Mechanical performances	Horizontal axis rotation range	360° (continuous)		360° (continuous)			
	Horiz. axis rot. speed (manual)/°sec	0,5°-240°/s var.		0,5°-300°/s var.			
	Vert. axis rot. speed (manual)/°sec	0,5°-160°/s var.		0,5°-120°/s var.			
	Horiz. axis rot. speed (Preset)/°sec	400°/s		400°/s			
	Proportional speed movement	Activatable		Activatable			
	Auto flip	●		●			
Function	Dynamical Privacy zones	8		8			
	Privacy zones mosaic effect	NO		●	●	NO	
	On screen menu	●		●			
	Smart backlight compensation (WDR)	NO		●	●	NO	
	Electronic stabiliser	NO		NO	NO	●	
	Timer management	NO		●			
	Number of preset positions	256		165			
	Number of programmable preset pos.	228		128			
	Number of user definable zones	8		8			
	Cruise function (sequence of preset positions)	30		0			
	Vector Scan function (sequence of preset functions and positions)	0		6 Vector Scan x 16 functions			
	Pattern function (stored paths)	4 (up to 100 storable movements)		3 (up to 120 seconds each)			
	Autotracking function (automatic target tracking)	●		NO			
	Auto Scan function (360° horizontal movement)	●		●			
	Random Scan function (360° random horizontal movement)	●		●			
	Frame Scan functions (programmable horizontal mov. between two points)	●		●			
	Preset titles	●		●			
	Supported protocol	RS-485; PELCO D		RS-485; PELCO D			
	Alarms managed by menu	4		8 + 8			
	Alarms In-Out	4In/2Out (included in board)		8In/10Out (included in Power Box)			
	Remote alarms In-Out	0		8In/2Out			
	Alarm actions	Cruise-Pattern -Autotracking-Auto Scan-RandomScan-Frame Scan-Preset		Vector Scan-Pattern-Auto Scan-RandomScan-Frame Scan-Preset			
	Compatibility with supplementary alarm board (Ref. 1092/685)	●		●			
	Functions which can be obtained using supplementary alarm board	8 Alarm preset alarms		8 Alarm preset alarms			
	Degree of protection	IP66 using Power Box		IP66 using Power Box			
	General characteristics	Power	24Vcc/Vca ±10%; 50Hz		24Vcc/Vca ±10%; 50Hz		
		Standard power unit included	NO		●		
Compatible power box		1092/652		1092/684 (with alarm board)			
Consumption		50W		50W			
Running temperature (inside casing)		0 ~ 50°C		0 ~ 50°C			
Running temperature (with heater and fan)		-25 ~ 50°C		-20 ~ 60°C			

● Yes.



# PAN AND TILT

## and power supply units



1090/707



1090/709

### MAIN CHARACTERISTICS OUTDOOR PAN AND TILT DEVICE

	1090/707**	1090/709**
Power	230 Vca	230 Vca
Consumption	13 mA	51 mA
Max. load (Kg)	12	30
PAN	0-350°C movement on horizontal plane	0-355°C movement on horizontal plane
Speed	6° a second	6° a second
Tilt	0-90°C movement on vertical plane	0-90°C movement on vertical plane
Speed	3° a second	3° a second
Construction	Aluminium casting	Aluminium casting
Finish	RAL9002 paint	RAL9002 paint
Closure	Fully sealed	Fully sealed
Working temperature range	from -23°C to +60°C	from -23°C to +60°C
Wiring	6 wires + ground	6 wires + ground
Functions	left, right. Up, down, common, autopan	left, right. Up, down, common, autopan
Protection	IP65	IP65
Dimensions (W x H x D) mm	175 x 140 x 125	167 x 180 x 120
Weight (Kg)	3,7	6,5

### INDOOR PAN AND TILTING DEVICE

- 1090/713\*\* Manual/automatic panning and tilting device
- External casing: shockproof plastic
  - Rotation supports: ball bearings
  - Panning angles: 350°
  - Tilting angles: -90°
  - Stoppers: externally adjustable
  - Panning speed: 6 sec
  - Tilting speed: 4 sec
  - Load capacity: 5 kg
  - Panning cycle function: automatic/manual
  - Control wire: 7 non-shielded wires
  - Weight: 2 kg
  - Degree of protection: IP50
  - Dimensions: 190 (W) x 230 (H) x 120 (D) mm


\*\* Contact the sales network for availability.



1090/721

## PAN, TILT AND ZOOM CONTROLS

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-  **1090/721\*\*** Pan, tilt and zoom control
- Power: 230 Vac
- Common features and performance
  - 5 panning functions: UP, DOWN, LEFT, RIGHT, AUTO
  - 6 optical control functions: ZOOM IN, ZOOM OUT, IRIS OPEN, IRIS CLOSE, FOCUS NEAR, FOCUS FAR
  - Lenses may be controlled by polarity inversion or common wire
  - 6 output lines for pan control
  - 6 output lines for controlling other functions (ZOOM, FOCUS, IRIS)
  - Power: 24 Vac / 230 Vac 50/60 Hz
  - Power: 4 -
  - Construction: extruded aluminium and rubber components
  - Weight: 900 g
  - Dimensions: 120 (W) x 185 (H) x 60 (D) mm
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## ACCESSORIES

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- 1090/714\*\*** Pan and tilt device wall fastening bracket 1090/709
- Length: 445 mm
  - Weight: 1.6 kg
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-  **1090/715** Pole adapter module
- Pole: Ø 80 - 150 mm
  - Weight: 2.5 kg
  - Dimensions: 220 x 175 mm
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- 1090/716\*\*** Pan and tilt device wall fastening bracket 1090/707
- Length: 285 mm
  - Weight: 0.6 kg
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- 1090/717** Pole collar 1090/716
- Pole: Ø 65 - 110 mm
  - Weight: 1.2 kg
  - Dimensions: 110 x 175 mm
- 



1090/715

\*\* Contact the sales network for availability.