

Code: LUMENA-165-55

OUTDOOR SPEED DOME CAMERA **LUMENA-165-55** STANDARD: PAL, ICR 650 TVL 3.6 ... 36 mm

Net: **345.77 EUR** Gross: **345.77 EUR**

Vandal-proof speed dome camera for outdoor applications, equipped with high resolution Sony sensor.

The LUMENA-165-55 is equipped with adaptive IR illuminator with range up to 50 m. The illumination power is auto adjusted based on outdoor light level, and the illumination angle is depended on lens zoom settings.

ICR - The movable IR filter allows to perfect colors reproduction in daylight and wide gray-scale with high sharpness of the image at night mode. Camera works very well with external IR illuminators.



SPECIFICATION

Standard:	PAL
Sensor:	1/4 " Sony CCD
Resolution:	650 TVL
Lens:	3.6 ... 36 mm
View angle:	53 ° ... 5.7 °
Optical zoom:	x 10
Range of IR illumination:	50 m
Rotation speed depending on ZOOM level:	✓
Video output:	1 Vpp / 75 Ω
Image stabilization:	—
Preset rotation speed:	max. 200 °/s
Rotation speed (manual control):	0.02 °/s ... 200 °/s (horizontal) 0.02 °/s ... 120 °/s (vertical)
Horizontal rotation range:	360 ° continuous
Auto patrol:	4 groups, each per 16 points - camera movement among max. 16 presets with set stop time and movement speed
Vertical rotation range:	-1 ° ... 92 °
PTZ control:	Via interface RS-485
Protocols:	Pelco-D, Pelco-P (auto detection)
Auto IR illuminator:	Adaptive adjusting of the IR illuminator power to the lens zoom and outdoor light conditions
Baud rates:	1200, 2400, 4800, 9600 bps
Park action:	Call the set function (tour, scan, etc.) after specified dwell time

Number of presets:	220
Route settings:	4 tours, each per 512 commands or 10 minutes
Horizontal scan:	✓ - Between two points with adjusted speed
Protections:	Overvoltage
Power supply:	~ 24 V AC / 2 A (power adapter included)
Power consumption:	40 W
Camera connectors:	Video - socket BNC Power supply - socket 2.1/5.5 mm RS-485 - pair of wires Grounding - yellow-green wire
Main features:	• AutoFocus, AutoIris • WDR - Wide Dynamic Range • Sharpness - sharper image outlines • Gain - Image enhancement • BLC - configurable Back Light Compensation • ICR - Movable InfraRed filter • Auto Flip - auto-rotates the camera during "tilt" type moving • IR LED light level adjusting • IR LED activation reason and time setting • Day/Night mode (color/b&w/auto)
"Index of Protection":	IP66
Housing:	Speed Dome, Metal
Color:	White
Operation temp:	-30 °C ... 60 °C
Weight:	2.2 kg
Dimensions:	Camera Ø 141 x 206 mm Bracket 205 x 127 x 94 mm
Supported languages:	English, Polish, French, Spanish, Italian, German
Guarantee:	2 years

PRESENTATION

Bottom view (IR LEDs and twilight sensor visible):



Camera is very small:



Camera bracket mounting side view:



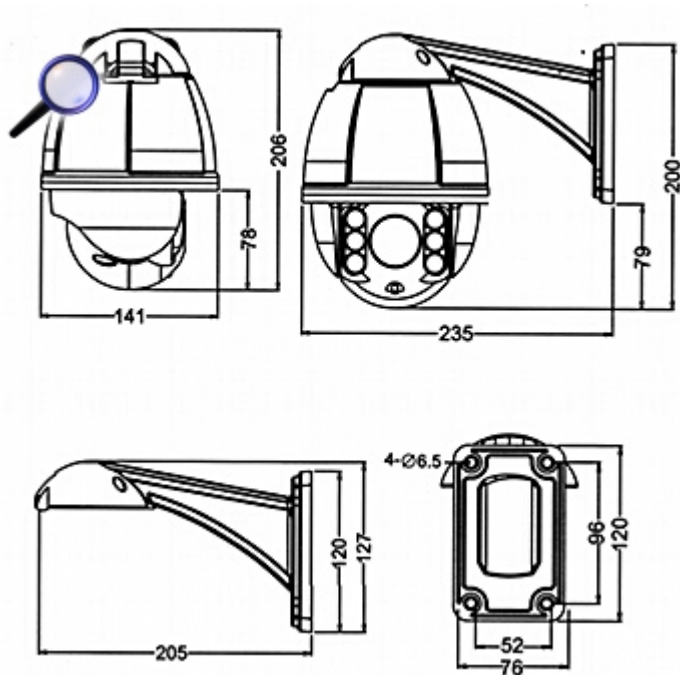
Cables and connectors can be hidden inside the bracket:



Camera connectors (video - BNC, power - 2.1/5.5mm, RS-485 - pair of wires/cable terminals, grounding - yellow-green PE wire):



Camera and bracket dimensions:



In the kit:



OUR TESTS

Screen shots from camera tests:

Camera image at artificial illumination (about 30Lux):

Zoom x1:



Zoom x3:



Zoom x10:



Camera image at night conditions with internal built-in IR illuminator on:

Zoom x1:



Zoom x3:



Zoom x10:



Camera image at direct strong light opposite to camera:



OUR OPINIONS



- Adaptive adjusting of the IR illuminator power to the lens zoom and outdoor light conditions.
- No image distortions due to dome camera cover.
- Small dimensions of the camera.
- Solid housing construction and very good mechanics.

PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg
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