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With the arrival of the new 27x Orbiter Platinum Colour/Mono Microsphere, dome technology takes a great leap forward. Offering a new industry standard for excellence, Honeywell Security's well-deserved reputation as the leading price performer in the industry is further re-enforced.

## 27x Platinum Microsphere - a New Innovation in Dome Technology

### Advanced Features

The Honeywell Security 27x Platinum Microsphere boasts a digital zoom of 10x, giving an impressive 270x total zoom. Plus it retains the many operation-critical features that made the Microspheres famous. Not least amongst these features is the plug and play set-up, allowing installers to complete installation in a fraction of the normal time. Add combined "Twisted Pair" and "In Coax" Telemetry and you have the ultimate flexible solution for any installation.

### Scalable Privacy

The most advanced, scaleable Privacy Zone functionality available today is also a feature of the 27x Platinum Microsphere.

To define a Privacy Zone, you simply use a preset view to identify the area to be blanked. This area then scales to remain the same size on a view as the operator pans past the blanked area, or zooms in and out.

Sector Identification divides the full 360° pan coverage into 16 sections, each with identification text. This allows views to be clearly labelled so the operator knows precisely what the Platinum Microsphere is targeting.

### Reduced Installation Time

NVT Onboard is fitted as standard, allowing the transmission of video over unshielded twisted pair cables (CAT5 recommended) to distances of up to 1.0km. By using UTP cabling, installers can also expect to reduce the time and cost of typical installations.

### Home Position

To prevent user error, and leaving a camera pointing in the wrong direction and missing vital information, the 27x Platinum Microsphere also makes use of the Home Position feature. Set by a compatible controller, Home Position allows the Orbiter to return to either a "home" preset or a "home" tour after a predefined period of time.

Other features are supported by the 27x Platinum Microsphere. These include: programmable tours, remote reset, variable speed 360° continuous rotation and 180° flip.

Available as 5" internal wall, ceiling and false ceiling mount and 8" external wall, pole, soffit, "Regent" and Vandal Resistant Housing mount, the 27x Platinum Microsphere is a clear winner in the field of advanced dome technology

### Key Features

- 27x optical zoom, 10x digital zoom
- Colour and mono operation
- Accurate colour rendition through a high performance, wide dynamic range
- Plug and play technology - as simple as fitting a lightbulb
- Full range of mount options available
- Compatibility with all Honeywell and other leading control equipment
- 28 scaleable privacy zones
- Remote reset
- Home position
- Variable speed from 0.1°/sec up to 400°/sec with variable speed zoom lens
- 128 presets
- 4 tours
- Mimic tours
- 8 alarm inputs
- Better than 48dB signal to noise ratio
- IP65 rated external versions
- Network options open up new levels of versatility



# 27x Platinum Microsphere

## Datasheet

### Technical Specifications

Optical Zoom	27x
Digital	10x
Total Zoom	270x
Colour/Mono	Y
Alarm Inputs	8
Relay Outputs	2
Presets	128
Tours	4
Presets per Tour	128
Mimic Tours	4
Remote Reset	Y
Home Feature	Y
Dual Purpose Coax/TP	Y
Privacy Zones	28
Line Lock Facility	Y
Sector Idents	Y
Wide Dynamic Range	Y
Scanning System	PAL/NTSC
Line Resolution	470TVL
Pixels	754 (H) x 582(V)
Lens Size (mm)	27x 3.25 - 88
Focus/Iris	Auto / manual
Telemetry Options	Coax / Twisted Pair
Control Signal	Twisted Pair or In Coax
Video Output	1V p-p nominal
Min Illumination colour	1 lux
Integration Lux mono	0.01
S/N Ratio dB	> 48dB
Operating Temp °C	-20° - +50°C
Variable Pan Speed	0.1° - 400° per second
Pan Coverage	360° continuous
Variable Tilt Speed	0.1° - 200° per second
Tilt Coverage	90°
Power Supply	24 Vac
Mount Options - Internal	Wall, Ceiling, False Ceiling, Hard Ceiling
Mount Options - External	Wall, Pole, Soffit, Regent, Vandal Resistant

The manufacturer reserves the right to alter the specification of products without prior notice.

### Ordering

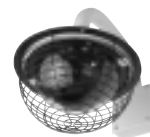
5" Internal Option	Zoom	Mounting
H5MP27CPVCI-TS	27x	Smoked acrylic, Pole/Soffit
H5MP27CPVCI-FS	27x	Smoked acrylic, False Ceiling
8" Internal Option		
H8MP27CPVCI-TS	27x	Smoked acrylic, Pole/Soffit
H8MP27CPVCI-FS	27x	Smoked acrylic, False Ceiling
H8MP27CPVCI-HS	27x	Clear acrylic, Hard Ceiling
8" External Option		
H8EP27DPVCI-W	27x	Clear acrylic, Wall
H8EP27DPVCI-S	27x	Clear acrylic, Soffit
H8EP27DPVCI-P	27x	Clear acrylic, Pole
H8EP27DPVCI-RW	27x	Clear acrylic, Regent Wall
H8EP27DPVCI-RP	27x	Clear acrylic, Regent Pole



REGENT



VANDAL RESISTANT



RETRO-FIT



WALL



INTERNAL SOFFIT



FALSE CEILING



EXTERNAL SOFFIT



HARD CEILING

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