



# The Power of Speed Domes

Professional Speed Domes & CCTV Cameras  
Designed for All Applications

**TeleEye**

[www.TeleEye.com](http://www.TeleEye.com)

# The Power of Speed Domes

## DM880 Series

### Professional 36X Day / Night Speed Dome

- 1/4" Colour CCD
- Powerful 432X zoom ; Optical : 36X, Digital : 12X
- Resolution : 480 (Day) / 550 (Night) TVL
- Day / night minimum illumination : 0.01 Lux
- 7 alarm inputs and 2 alarm outputs
- 24 privacy zone maskings
- IP66 weather proof standard



DM889 / DM879 (outdoor)

## DM870 Series

### Professional 26X Day / Night Speed Dome

- 1/4" Colour CCD
- 312X zoom ; Optical : 26X, Digital : 12X
- Resolution : 480 (Day) / 550 (Night) TVL
- Day / night minimum illumination : 0.01 Lux
- 7 alarm inputs and 2 alarm outputs
- 8 privacy zone maskings
- IP66 weather proof standard



DM882 / DM872 (indoor)

## Accessories

Model	Description
DM88-PD	Pendant Mount Bracket for DM880 and DM870 Series
DM88-PL	Pole Mount Bracket for DM880, DM870, DM570 and DM560 Series
DM88-CN	Corner Mount Bracket for DM880, DM870, DM570 and DM560 Series
DM88-VRC	Vandal Resistant Cover for DM880 and DM870 Series
DM-KB02	Keyboard with Joystick for DM880, DM870, DM720, DM570 and DM560 Series
DM86-PeIC	Pelco Coaxitron Protocol Board for DM880 and DM870 Series
DM86-PeIC-CVT1	1 Channel Pelco Coaxitron Code Receiver
DM86-PeIC-CVT4	4 Channels Pelco Coaxitron Code Receiver



TeleEye DM-KB02

## Powerful 432X Zoom

TeleEye DM880 Series is equipped with a reliable built-in 36X optical zoom lens that allows you to monitor a scene from any distance. Combined with a 12X digital zoom, its total zoom ratio can be boosted up to 432X for enabling powerful close-ups and capturing the subject details.



Optical 36X



Digital 12X

432X



## Advanced Privacy Zone Masking

TeleEye speed domes provide privacy zone masking functions to mask out any undesired areas on screen. TeleEye DM880 Series even provides up to 24 masks for further protection.



## Built-in Alarm Function

With built-in alarm inputs, TeleEye DM880 and DM870 Series can instantly return to their preset positions upon any alarm triggers. Alarm sensors being triggered, such as magnetic door contacts, PIR motion sensors, smoke detectors, can drive the relay switches to turn on some electrical devices, e.g. lighting appliance, buzzer.

## DM570 Series

### Ultra Hi-Resolution 30X Day / Night Speed Dome

- 1/4" Colour CCD
- Ultra hi-Resolution : 520 (Day) / 570 (Night) TVL
- Day / night minimum illumination : 0.08 Lux
- 128 presets, 6 patterns, 3 tours
- 240X zoom ; Optical : 30X, Digital : 8X
- 8 privacy zone maskings
- IP66 weather proof standard



DM577 (indoor) / DM579 (outdoor)  
DM567 (indoor) / DM569 (outdoor)

## DM560 Series

### Budget 18X Day / Night Speed Dome

- 1/4" Colour CCD
- Resolution : 480 (Day) / 550 (Night) TVL
- Day / night minimum illumination 0.01 Lux
- 50 presets, 1 patrol , 1 auto scan
- 216X zoom ; Optical : 18X, Digital : 12X
- IP66 weather proof standard



TeleEye DM-KB02

#### Accessories

Model	Description
DM56-CL	Recessed Ceiling Mount Fixture for DM570 and DM560 Series
DM56-PD	Pendant Mount Bracket for DM570 and DM560 Series
DM88-PL	Pole Mount Bracket for DM860, DM870, DM570 and DM560 Series
DM88-CN	Corner Mount Bracket for DM880, DM870, DM570 and DM560 Series
DM56-VRC	Vandal Resistant Cover for DM570 and DM560 Series
DM-KB02	Keyboard with Joystick for DM880, DM870, DM720, DM570 and DM560 Series
DM-AL82	8-Input, 2-Output Alarm Box for DM570 and DM560 Series

## Day / Night Changeover Operation

TeleEye speed domes allow full colour surveillance during day-time down to 0.7 Lux operation. The camera switches to operate in B&W mode to increase its sensitivity for every low light to 0.01 Lux in the night time.



## Mounting Options



DM88-PD  
Pendant Mount



DM88-PL  
Pole Mount



DM88-CN  
Corner Mount



DM56-CL  
Ceiling Mount



DM56-PD  
Pendant Mount

## Specifications

MODEL	DM882 (Indoor)	DM889 (Outdoor)	DM872 (Indoor)	DM879 (Outdoor)	DM577 (Indoor)	DM579 (Outdoor)	DM567 (Indoor)	DM569 (Outdoor)
Scanning System	PAL (625 lines, 50 fields per second) NTSC (525 lines, 60 fields per second)							
Image Sensor	1/4" colour CCD							
Resolution	480 (Day) / 550 (Night) TVL							
Minimum Illumination	Day: 0.1 Lux (F1.6) at 50 IRE Night: 0.01 Lux (F1.6) at 50 IRE	Day: 0.07 Lux (F1.6) at 50 IRE Night: 0.01 Lux (F1.6) at 50 IRE	Day: 0.04 Lux (F1.6) at 50 IRE Night: 0.08 Lux (F1.6) at 50 IRE	Day: 0.4 Lux (F1.6) at 50 IRE Night: 0.01 Lux (F1.6) at 50 IRE	Day: 0.7 Lux (F1.4) at 50 IRE Night: 0.01 Lux (F1.4) at 50 IRE			
Electronic Sensitivity Boost	On / Off							
Video Output Level	1.0Vp-p (75ohms, composite)							
Video S/N Ratio	≥50dB (AGC off)							
White Balance	Auto / Manual							
Gain Control	Auto / Manual							
Electronic Shutter	1/1 – 1/10,000 sec							
Iris	Auto / Manual							
Back Light Compensation	On / Off							
Lens	Aperture stop: F/1.6 – 4.5 Focal length: f = 3.4 – 122.4mm Viewing angle: 1.7° – 57.8°	Aperture stop: F/1.6 – 3.8 Focal length: f = 2.5 – 91mm Viewing angle: 2.2° – 54.2°	Aperture stop: F/1.6 – 3.2 Focal length: f = 3.3 – 99mm Viewing angle: 2.22° – 58°	Aperture stop: F/1.6 – 3.0 Focal length: f = 4.1 – 73.8mm Viewing angle: 2.7° – 48°				
Zoom	Optical: 36X / Digital: 12X (Total: 432X)	Optical: 26X / Digital: 12X (Total: 312X)	Optical: 30X / Digital: 8X (Total: 240X)	Optical: 18X / Digital: 12X (Total: 216X)				
Privacy Zone Masking	On / Off, 24 masks							
Panning	Range: 360° continuous Manual speed: 0.1° – 160°/sec Preset speed: 360°/sec							
Tilting	Range: 0° – 90° Manual speed: 0.1° – 160°/sec Preset speed: 360°/sec							
Control	220 Presets, 4 Patterns, 4 Tours							
Protocol	TeLeEye DM2, Pelco P, Pelco D							
Built-in Alarm	7 Inputs, 2 Outputs							
Weather Proof Standard	IP66							
Fan	Continuous							
Heater	Auto Start							
Operating Temperature	-40°C – 60°C							
Humidity	0% – 95% (No condensation)							
Power Source	AC 24V, 50W (max)							
Net Weight	5 kg	5.32 kg	5 kg	5.32 kg	3.5 kg	4.2 kg	3.5 kg	4.2 kg

## DM Series Selection Guide

MODEL	DM882	DM889	DM872	DM879	DM577	DM579	DM567	DM569
Indoor / Outdoor	Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor
Optical Zoom	36X	36X	26X	26X	30X	30X	18X	18X
Resolution (Day / Night)	480 / 550 TVL	480 / 550 TVL	480 / 550 TVL	480 / 550 TVL	520 / 570 TVL	520 / 570 TVL	480 / 550 TVL	480 / 550 TVL
OSD	Yes	Yes	Yes	Yes	Yes	Yes	–	–
Privacy Zone Masking	Yes	Yes	Yes	Yes	Yes	Yes	–	–
Alarm I/O	Yes	Yes	Yes	Yes	–	–	–	–

# Integrated Positioning Camera

## DM720 Series

### Integrated Positioning Camera

TeleEye DM720 Series carries a line of high performance integrated positioning cameras specially designed for demanding outdoor applications of video surveillance. TeleEye DM720 Series integrates a powerful pan/tilt head with a day-and-night maximum 432X zoom camera in IP66 standard outdoor housing and a telemetry receiver. The camera is capable of continuous pan rotation to 360° and tilt movement from -90° to +40°. With multi-protocols, TeleEye DM720 Series provides versatile 220 presets, 4 patterns, 4 auto sequences, 4 auto pannings and 8-privacy zone masking functions.

With built-in thermostat, heater, fan, sun-shield, defroster and wiper design, TeleEye DM720 Series suits any operations in atrocious weather environment perfectly. The camera being used in the TeleEye DM720 Series can be widely applied to outdoor installation like coast and borders patrol, harbour control, highway and traffic monitoring, prison and airport surveillance and many security applications.



DM728 (26X Zoom) / DM729 (36X Zoom)

#### Features:

- Scheduled various functions
- Maximum 432X capability
- Minimum illumination: 0.01 lux
- 360° continuous pan and -90° to +40° tilt
- 220 presets with title, 4 pannings, 4 sequences, 4 patterns
- 8 zones with title
- 8 privacy zone maskings
- Auto running
- OSD menu

#### Environment:

- IP66 protection grade
- Sun shield, auto running defroster / heater / fan / wiper
- Operating temperature: -40°C – 60°C
- Operating humidity: 0 - 99%
- Operating wind speed: 90km/hour
- Withstand wind speed: 130km/hour
- Withstand rain fall: 4mm/min

#### Electrical:

- Input power: AC24V, AC220V, AC110V selectable, 50/60Hz
- Maximum power consumption: 60W
- Working voltage for defroster, heater, wiper, fan: 24V AC
- Working consumption for defroster, heater, wiper, fan: 21W
- 4000V video, data, power lightning proof

#### Mechanical:

- Horizontal movement: continuously 360° pan
- Vertical movement: -90° – +40° tilt
- Manual pan speed: 0.1°–70%/s
- Manual tilt speed: 0.1°–50%/s
- Preset speed: 140%/s
- Preset accuracy: 0.1°
- Net weight: 9.6kg

## Specifications

MODEL		DM728	DM729
CAMERA OPTICS	Scanning System	PAL (625 lines, 50 fields per second) NTSC (525 lines, 60 fields per second)	
	Image Sensor	1/4" colour CCD	
	Resolution	480 (Day) / 550 (Night) TVL	
	Minimum Illumination	Day: 0.07 Lux (F1.6) at 50 IRE Night: 0.01 Lux (F1.6) at 50 IRE	Day: 0.1 Lux (F1.6) at 50 IRE Night: 0.01 Lux (F1.6) at 50 IRE
	Video Output Level	1.0Vp-p (75ohms, composite)	
	Video S/N Ratio	≥50dB (AGC off)	
	White Balance	Auto / Manual	
	Gain Control	Auto / Manual	
	Focus	Auto / Manual	
	Electronic Shutter	1/50 – 1/10,000 sec	1/1 – 1/10,000 sec
	Back Light Compensation	On / Off	
	Iris	Auto / Manual	
	MECHANICAL DESIGN	Lens	Viewing angle: 2.2° – 54.2°
Focal Length		f = 2.5 - 91mm	f = 3.4 - 122.4mm
Zoom		312X Zoom; Optical: 26X, Digital: 12X	432X Zoom, Optical: 36X, Digital: 12X
Privacy Zone Masking		On / Off, 8 masks	
POWER / ENVIRONMENT	Panning	Range: 360° continuous, Manual speed: 0.1° – 70°/sec, Preset speed: 140°/sec	
	Tilting	Range: -90° – 40°, Manual speed: 0.1° – 50°/sec, Preset speed: 140°/sec	
	Control	220 Presets, 4 Patterns, 4 Sequences, 4 Auto Pans	
	Protocol	TeleEye DM2, Pelco P, Pelco D	
	Built-in Alarm	-	
Weather Proof Standard	IP66		
Fan	Continuous		
Heater	Auto start		
Operating Temperature	-40°C – 60°C		
Humidity	0% - 90% (no condensation)		
Power Source	AC 24V, 60W (max)		
Net Weight	9.6kg		

# Mini Pan / Tilt Cameras



DM338 (outdoor)



DM336 (indoor)



DM-KB04

## DM338

### Mini Outdoor Vandal Resistant Pan / Tilt Dome

- Resolution : 480 (Day) / 520 (Night) TVL
- Vandal resistant
- IP66 weather proof standard
- Vari-focal auto-iris lens
- 64 presets, 1 patrol
- 3X digital zoom (continuous) and auto pan

## DM336

### Mini Indoor Colour Pan / Tilt Dome

- Vari-focal auto-iris lens
- 3X digital zoom (continuous)
- Resolution : 470 TVL
- 64 presets, 1 patrol
- RS-485 telemetry interface
- Auto pan



DM33-WL  
Wall Mount Bracket for DM338

## Specifications

MODEL		DM338	DM336
CAMERA OPTICS	Image Sensor	1/3" colour CCD	
	Effective Pixels	PAL: 752 (H) x 582 (V) NTSC: 768 (H) x 494 (V)	
	Horizontal Resolution	480 (Day) / 520 (Night) TVL	470 TVL
	Lens	f = 4 - 9mm auto iris lens, F1.2 (viewing angle (H) = approx. 70.8° - 31.4°)	
	Minimum Illumination	0.01 Lux (F1.2)	1.0 Lux (F1.2)
	White Balance	Auto	
	Electronic Shutter	1/50 (1/60) sec	
MECHANICAL DESIGN	S/N Ratio	>45dB (AGC off)	
	Panning	Range: 0° - 355°, Speed: 9° - 93°/sec	
	Tilting	Range: 5° - 90°, Speed: 9° - 66°/sec	
	Control	64 Presets, 1 Patrol Sequence, 1 Pattern	
	Data Rate	2400, 4800, 9600bps (auto detection)	
POWER / ENVIRONMENT	Data Interface	RS-485	
	Protocol	TeleEye DM4, Pelco D	
	Operating Temperature	-10°C - 50°C	
	Humidity	-	0 - 80%
	Power Source	12V DC, 600mA (max)	12V DC, 500mA (max)
Net Weight	1250g	600g	

**TeleEye**

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