



Vandal Proof Mini Speed Dome Camera

DynaHawk™ 500/600 Series

**An Introduction to the
High Speed Dome Camera**



In Summary: “Vandal Proof Mini Speed Dome”

- **Compact and Stylish Housing**
- **Vandal Proofed**
- **Designed for economical surveillance solutions,**
- **Full of true speed dome features**
- **Multiple build-in protocol enhanced connectivity**
- **Various mounting and accessories enabled flexible Installation.**



DynaHawk™500

- **Indoor Vandal Proof Mini Speed Dome**
 - ✓ **The most impressive, economical indoor application**
 - ✓ **Compact 4.2-inch, stylish and intelligent design for easy installation**
 - ✓ **Faster and Smoother than ever before in a dome in this price**






DynaHawk™600

■ Outdoor Vandal Proof Mini Speed Dome



- ✓ For both indoor and outdoor applications
- ✓ Outdoor speed dome cameras measure 5.4"
- ✓ Flexible mounting accessories enable the most effective installations
- ✓ Weather resistant housing and optional sunshield for harsh environment

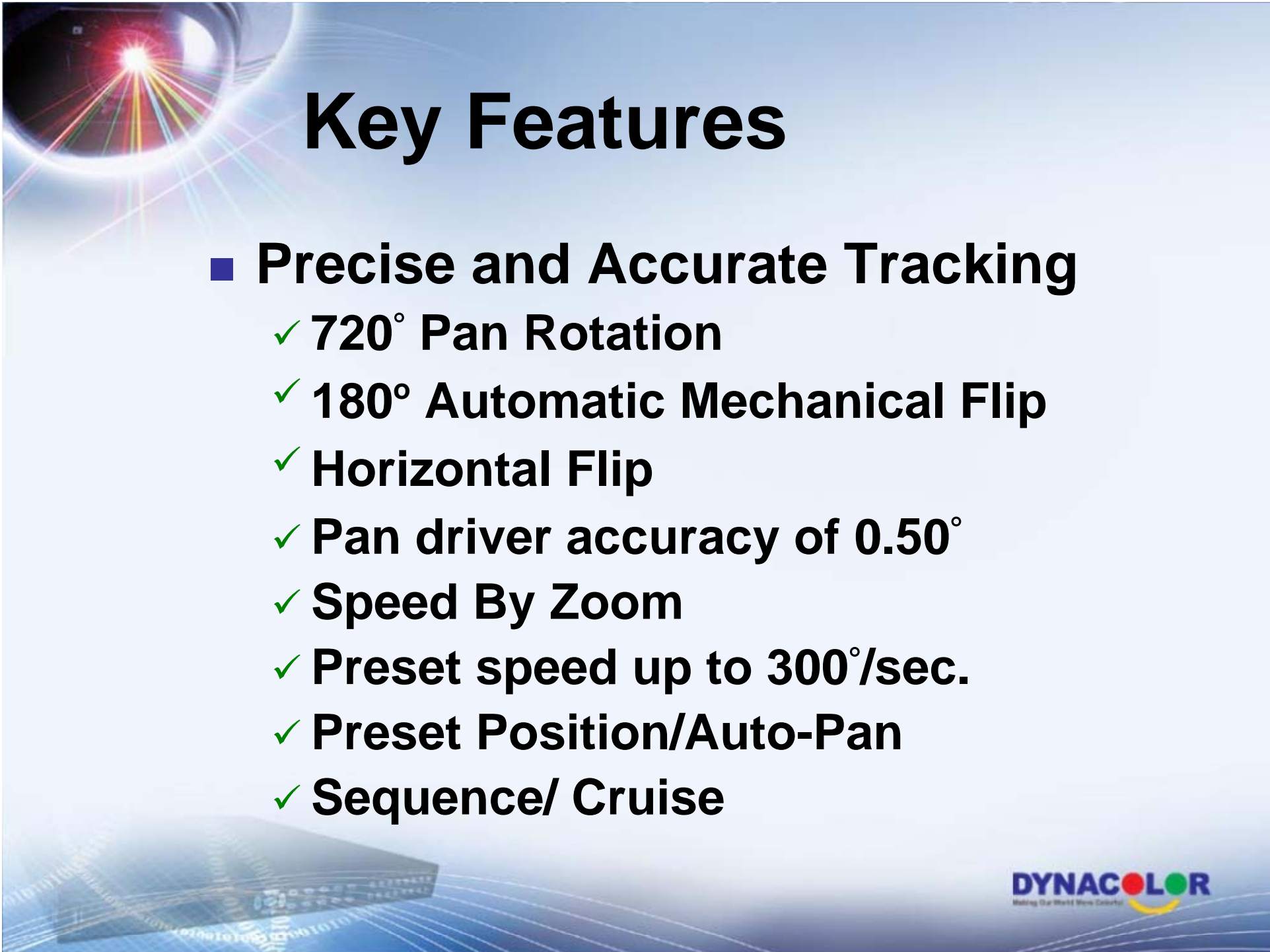


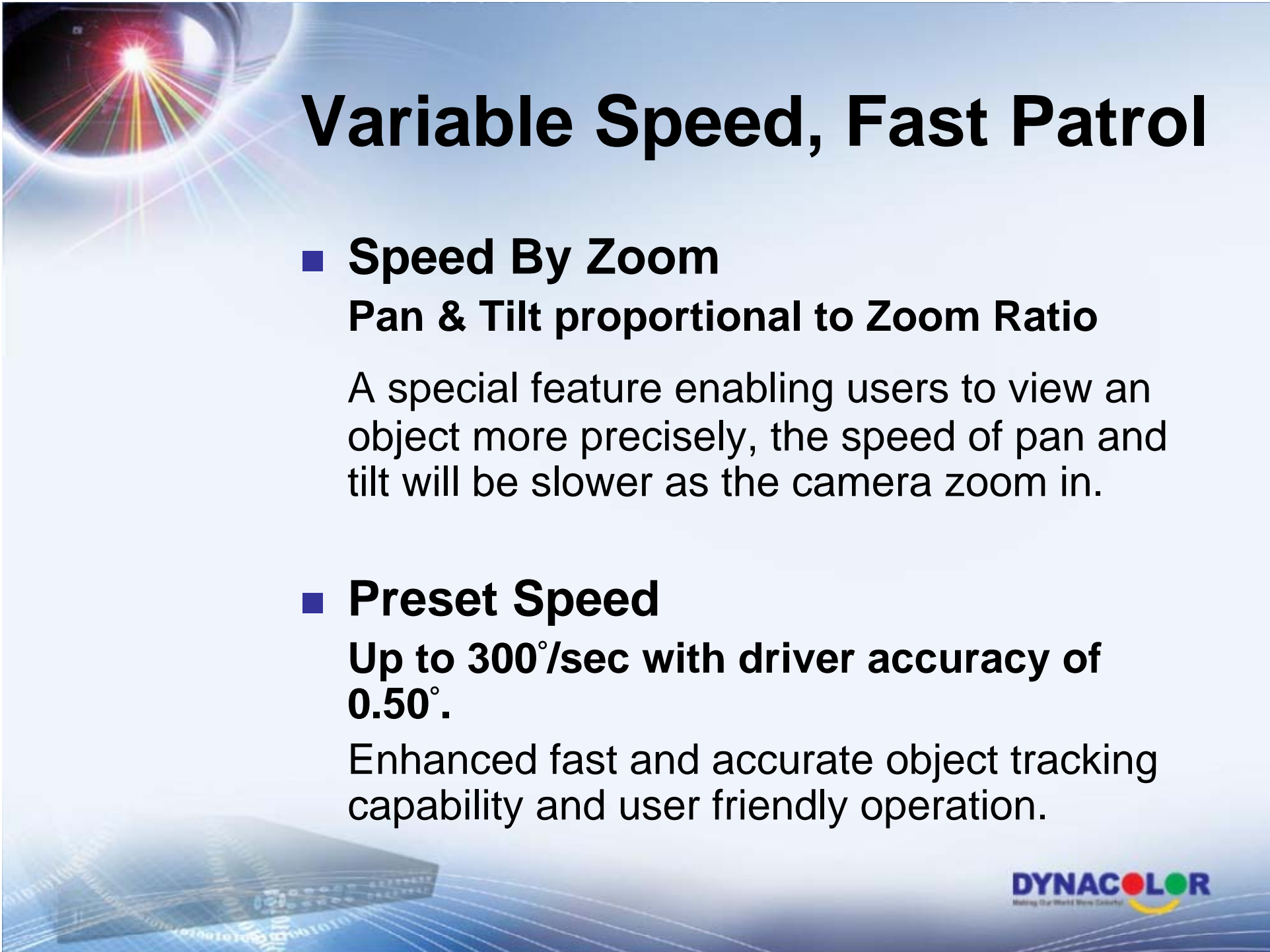


Key Features

- **Precise and Accurate Tracking**
 - ✓ **720° Pan Rotation**
 - ✓ **180° Automatic Mechanical Flip**
 - ✓ **Horizontal Flip**
 - ✓ **Pan driver accuracy of 0.50°**
 - ✓ **Speed By Zoom**
 - ✓ **Preset speed up to 300°/sec.**
 - ✓ **Preset Position/Auto-Pan**
 - ✓ **Sequence/ Cruise**



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- DYNACOLOR**
Making Our World More Colorful



Variable Speed, Fast Patrol

- **Speed By Zoom**
Pan & Tilt proportional to Zoom Ratio
 A special feature enabling users to view an object more precisely, the speed of pan and tilt will be slower as the camera zoom in.

- **Preset Speed**
Up to 300°/sec with driver accuracy of 0.50°.
 Enhanced fast and accurate object tracking capability and user friendly operation.

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■ Speed By Zoom

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Enhanced fast and accurate object tracking capability and user friendly operation.



Automatic Tracking Features

- **256 Preset Points:** memorize a specific locations for quick and convenient operation.
- **8 Sequence:** Switches among a set of preset points, and display the image in sequence.
- **4 Auto-Pan:** Tracks (determined by computer calculation) between two preset points.
- **1 Cruise:** User doesn't need to set any preset points. Camera will memorize the track.
(beware of the memory space)



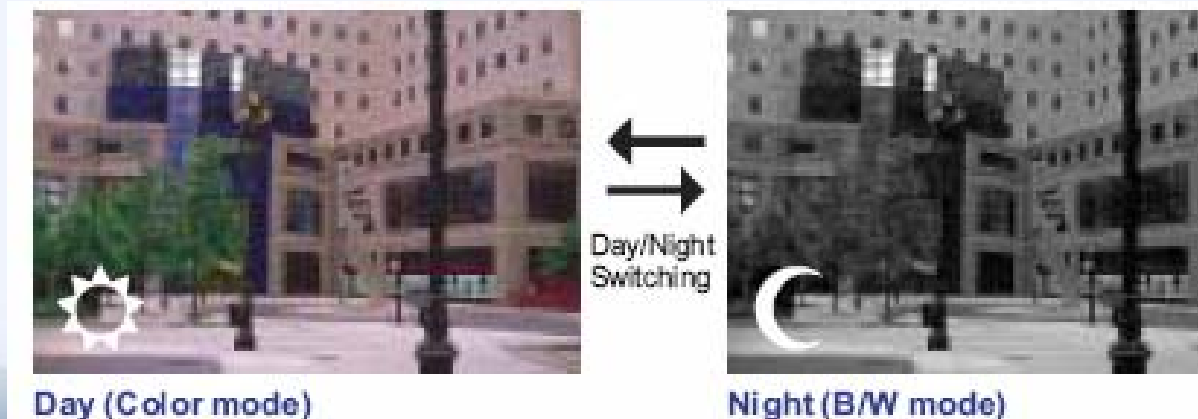
Key Features

■ Features for Clear Image Quality

- ✓ Day & Night Function (Optional)
- ✓ Minimum illumination 0.01 Lux
- ✓ Digital Slow Shutter
- ✓ Electronic Shutter
- ✓ Auto Exposure
- ✓ White Balance Compensation
- ✓ Backlight Compensation
- ✓ Auto Gain Control
- ✓ Auto Iris Control

Day & Night Function

- The Internal circuit will decide to remove the “IR Cut Filter” according to its threshold value of light condition.
- Enabled the dome to catch images 24hours.
- The video image will change to B/W or single color as the IR cut Filter is removed.



AE (Auto Exposure)

- Various AE modes allows video signal to output the optimum image for subjects from low light conditions to high conditions.



- **Auto** mode: the camera's IRIS and AGC control circuits work together automatically to compensate the light exposure of CCD sensor, in order to get consistent video output level.
- **Manual** mode: users can select one of the three options as the prior, while the other two are rendered complementary, condition to obtain the best output image.

White Balance Compensation

- Calibrate a camera's color response to take into account different color temperatures of light.
- Define the lighting conditions and ensures image quality.
- Failure to white balance could result in an unsightly, unnatural color cast.



Without white balance



After white balance

Backlight Compensation

- **BLC** (Backlight compensation)

indicates the image sensor's ability to automatically adjust in conditions where lighting is from behind the camera to deliver the sharpest and highest quality video image.



- When Camera with WDR activated, the BLC function will turn off automatically.



Other Key Features

- Home Function
- Scheduling Function
- Multiple Protocol
- Easy Installation
- Outdoor Application
- Flexible Accessories and Mountings
- Can be integrated with DynaColor's all CCTV products.

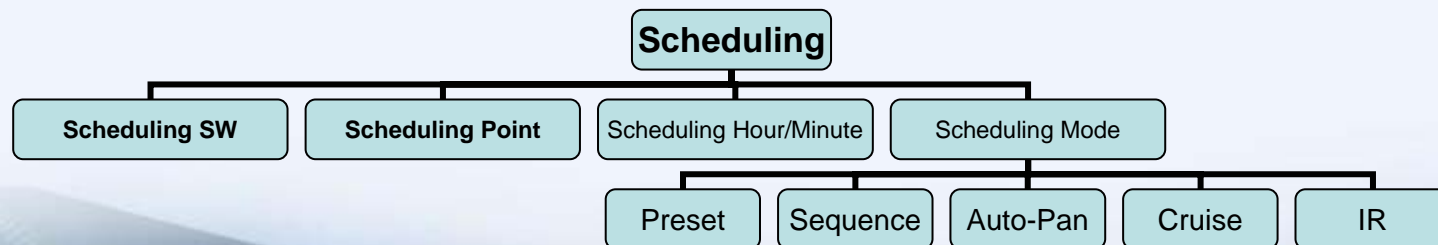
Home & Scheduling

Home Function

- Dome camera can come back to a specified preset position or function (Auto-pan/Sequence/Cruise) when the user stops to control the camera for a while.

Scheduling Function

- With this function, users are available to allocate different preset position or function (Auto-pan /Sequence/Cruise) during different period of time.





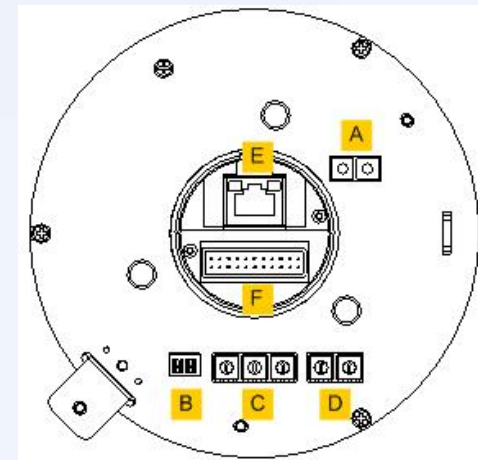
More Compatibility

- A large set of build-in protocols provide connectivity with other brand CCTV products.
- Build-in Protocols:
 - ✓ DSCP
 - ✓ Pelco P & D,
 - ✓ VCL,
 - ✓ Philips
 - ✓ AD, AD-422

Easy Installations

- Simple Switch Definition
- One Cable
- Easy cable connection

| | |
|---|--|
| A | Reserved |
| B | RS-485 Setting |
| C | Dome ID Setting |
| D | Dome Control Protocol |
| E | RJ-45 Connector (for Ethernet IP function) |
| F | 22-Pin Connector |



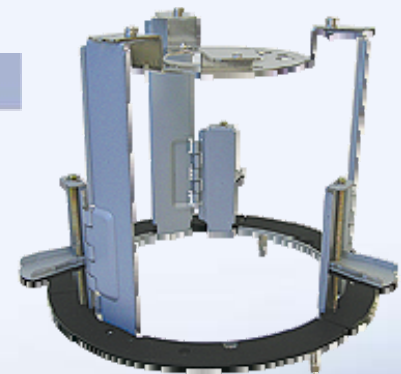
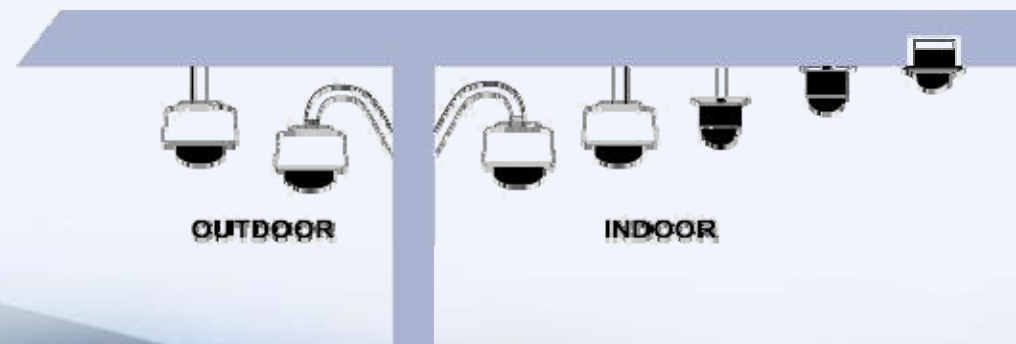


Outdoor Application

- **Weather Resistant Housing**
 - ✓ International IP 66 Standard
- **Build-in Heater and Fan**
 - ✓ Under -7° , the heater will turn on automatically.
 - ✓ Over $+35^{\circ}$, the fan will turn on automatically.
- **Sunshield Housing**
 - ✓ Solves harsh weather issues and ensures performance.
- **Vandal Proof Cover**
 - ✓ Protect the dome from violations

Flexible Installations

- Support various mounting and accessories
- Hard Ceiling & In-ceiling
- Straight Tube and Gooseneck
- Various Corner Mounting
- Various Pole Mounting



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Mounting Kits: D77H0X series

- Ceiling Mount
- Ceiling Panel
- Corner Standard Mounting
- Pole Direct Mounting
- Stainless Straps
- Cutter for Stainless Straps



Pendant Kits: D77H0X series

- Gooseneck Tube



- Straight Tube



Low Maintenance System

- Fully integrated with our entire CCTV product lines; DVRs, Control Keyboards, accessories.



Optional Accessories

- **Controller Keyboard**



(D7313 & D7312)

- **D77R1---RS-485 signal repeater**
- **D77R2---RS-232 to RS-485 converter**
- **D77R3---Bi-Phase protocol decoder**



Your Total Solution with DynaColor...

- DynaGuard™ 500 Series

- ✓ Integrated Speed Dome Controls
- ✓ M-LPEG Compression



- DynaGuard™ 300 Series

- ✓ Integrated Speed Dome Controls
- ✓ Wavellet Compression
- ✓ 9chs, 16 chs



- DynaGuard™ 200 Series

- ✓ Compact and Versatile MEG-4 DVR
- ✓ 4chs, 8chs, 16chs



Thank You

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D7722 Product Presentation
Rev: 2004-08-04



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