

## ICR100X: 10X Day & Night Mini PTZ Color Dome Camera

- 1/4" Sony Color CCD with 410K(NTSC) and 470K(PAL) pixels
- Auto focus 10X optical zoom and 10X digital zoom
- Day & night with IR Cut Filter and DSS
- 360° continuous rotation
- Clear image of 530TV lines (B/W: 580TV lines)
- Noiseless low light image with SDNR
- Excellent Impact-Resistant and Rain/Wind-Proof Design
- 165 preset positions
- 8 group tours, 8 patterns (Total 480 seconds)
- Auto flip function, Auto scan, Privacy zone
- Alarm on action
- 200° /sec Pan & 200° /sec Tilt speed



### OVERVIEW

This is a Mini High Speed dome that will out perform any dome that you have seen before. The ICR 100X has WDR (Wide dynamic Range) as well as DSS (Digital Slow Shutter) which produce unparalleled low light viewing. It is vandal proof as well as fully weather proof and can be used indoor/outdoor. The very unique construction enables it to be surface, flush or wall mounted.

ICR100X interfaces with both our Pro/Flex DVR to allow for full access to the OSD (on screen display) menu from on line. The dome spins in 4 directions at 200 degrees per second with a very quiet step motor.



## SPECIFICATION

| Parameter                 | ICR100X   |
|---------------------------|---|
| Image Sensor              | 1/4" Sony Super HAD CCD   |
| Total Image Pixels        | NTSC 811(H) * 508(V) 410K, PAL 795(H) * 596(V) 470K                         |
| Number of Effective Pixel | NTSC 768(H) * 494(V) 380K, PAL 752(H) * 582(V) 440K                         |
| Horizontal resolution     | More than 530 TV lines  |
| Lens                      | 10X Optical Zoom (F1.8, f=3.9~38.0mm), 10x Digital Zoom (100x with optical) |
| Day & Night (ICR)         | Auto Day/Night  |
| Min. Focus Distance       | 1.5m (5 feet)   |
| Digital Slow Shutter      | Auto /Off (2X ~ 128X)   |
| Min. Illumination         | Color: 0.7Lux @ F1.8, 0.005Lux (Digital Slow Shutter on)                    |
| Min. Illumination         | Black/White: 0.02Lux @ F1.8   |
| Luminance S/N Ratio       | More than 50dB  |
| Video Output              | CVBS: 1.0Vp-p/75Ohm (VBS EXT)   |
| Back Light Compensation   | ON / OFF  |
| Flickerless               | NTSC: ON/OFF (1/100), PAL: ON/OFF (1/120)                                   |
| White Balance             | AWB/ATW/Indoor/Outdoor  |
| Pan Rotation              | 360° endless  |
| Pan Speed                 | Manual: 100° ~ 150°/sec, Preset: Max 200°/sec                               |
| Tilt Rotation             | 0°~90°  |
| Tilt Speed                | Manual: 100° ~ 150°/sec (64 step), Preset: Max 200°/sec                     |
| Accuracy                  | 0.02°   |
| # of Presets              | 165 positions with different speed steps                                    |
| Group Tour                | Max. 8 programmable group tours   |
| Auto Scan                 | Programmable Auto Scan  |
| Pattern                   | 8 Programmable patterns   |
| Privacy Zone              | 4 Privacy Zones   |
| Sector                    | 8 Selectable Sectors  |
| Password Protection       | Yes   |
| Alarm Input               | 4 Alarms Inputs (Off/NC/NO)   |
| Alarm Actions             | Activate preset, Group scanning, or Output                                  |
| Aux Output                | 2 Replay Output   |
| Auto Flip                 | ON/OFF  |
| OSD Menu                  | Multiple language On-Screen-Display menu                                    |
| Communication             | RS-485  |
| Protocol                  | Pelco D/Pelco P   |
| Power Supply              | AC 24V 1.5A 40VA  |
| Power Consumption         | 9W Max.   |
| Construction              | Die-casting, Anti-vandal dome cover   |
| Dimensions                | 158.8mm (D) * 163mm (H)   |
| Weight                    | 1.5kg (3.3lb)   |
| Motor Type                | Step Motor  |
| Micro Steps               | 1/4 Micro Step  |
| Operating Temp.           | 0°C ~ 50°C (32°F ~ 122°F)   |
| Operating Humidity        | 30% ~ 80% RH  |
| Environmental Friendly    | ROHS certified (Lead-Free manufacturing process)                            |