

# M22X & KB-2000

Compliant to **CE** and **IP66**



M22X-I  
7" Indoor Mount (Flush Type)



M22X-O  
6" Outdoor Mount (Wall or Ceiling Type)



KB-2000-2A  
Keyboard Controller

## FEATURES AND CHARACTERISTICS



Support multi protocols (Pelco-D, Pelco-P) with various baud rates for system integration with DVRs and keyboards upon request.



Uses High resolution 1/4" Sony Super HAD Color CCD with Auto Iris and Auto Focus Lens for precise video image processing when viewing.



Offers 22x Optical Zoom and 16x Digital to capture all that important information you ever need during surveillance.



The "Plug & Play" design makes it convenient for termination work, ease of installation and maintenance.



100% Dust-proof and Water-proof Double layered Outdoor Dome Enclosure design built with total die- cast aluminum structure material with IP66 standard.



32 preset points, 1 preset tour (path-panning, tilting & zooming) and auto-panning function provides monitoring of targets more accurately and quickly just like the eye.



Expansion ability for additions of controllable devices eg. DVRs, PTZ Devices, Keyboards



User friendly controls with simple instructed keypads and joystick



An option for vandal proof housing upon request for real protection against heavy strike by intention.

**SPECIFICATION**

	M22X
Image Device	1/4" Color CCD
Picture Element	PAL: 440,000. pixels
Synchronization	Internal / External
Lens	22 times Optical Lens, f=3.9mm to 85.8mm, F=1.6 to 3.7
Digital zoom	16 times Digital Zoom
Focus system	Auto / Manual
Min. working distance	0.01M(wide), 100mm(tele)
H-Resolution	480TV Lines
Min illumination	1.0Lux / F1.6 Color
S/N ratio	More than 48 dB
Auto White Balance	Auto / ATW
Pan movement	0° ~ 360° continuous endless
Tilt movement	0° ~ 90°
Pan speed	0.5%/SEC to 50%/SEC vari-speed
Tilt speed	0.5%/SEC to 30%/SEC vari-speed
Preset	32 presets
Communication	RS485 interface
ID address	1 ~ 256 address
Power supply	DC12V / AC24V
Outdoor	IP66

**SPECIFICATION**

	KB-2000-2A
Power Source	12VDC, 500mA
Control	DVR & PTZ Devices
PTZ Control	Pan, Tilt, Zoom In/Out, Focus Near/Far, Iris Open/Close, Preset, Tour, Auto Pan, Patrol Learn
Compatibility	PELCO-D, PELCO-P, etc (up to 5 protocols)
Communication Port	RS-485
Baud Rate	1200, 2400, 4800, 9600
LCD Display	16 Characters
Joystick	2 Axis
Temperature	-5°C ~ +50°C
Humidity	10% ~ 90%
Dimension	350 (W) x 200 (D) x 62 (H) mm