



### FEATURES:

- High Performance 1/4" CCD with 550 TV Lines
- Built-In 3.7-44mm Lens with 12x Optical / 12x Digital Zoom
- True Day/Night function with ICR
- 128 Presets programmed with view direction, zoom, and BLC
- 4 Patterns record and play back user preference of surveillance path up to 120° sec.
- 8 Scans: 8 speed steps from slow to medium panning with smooth Diagonal Scan
- 4 Tours: Each tour consists up to 32 Presets, Patterns, and/or Scans
- Fully Gasket Sealed IP-66 Rated Weatherproof Design
- 4 Alarm inputs with 1~4 priority / 1 Auxiliary output with programmable NC & NO
- 8 Privacy Zones: Video off or up to 8 masked blocks
- 64 steps of variable speed from 0.4°/sec to 90°/sec. Max manual speed 190°/sec with Turbo key pressed, Preset speed is 380°/sec.
- Built-in RS-485 receiver driver.
- Built-in power-line surge protection and lightning protection
- Built-in Heater/Blower for use in Extreme Temperatures



Several Housing & Mount options available.



### Detailed Specifications

Image Sensor	1/4" Interline Transfer CCD
Horizontal Resolution	550 TV Lines
Minimum Illumination	0.6 lux / 0.01 lux (ICR ON)
Lens	3.7mm to 44mm @ F1.6 to F2.5
View angle	Approx. 48° (WIDE end) to 2.8° (TELE end)
Optical Zoom	12x
Digital Zoom	12x
Shutter Speed	1/1 ~ 1/10,000
S/N ratio	more than 50dB
Sync System	Int/Ext, V-Phase Remote Control
Scanning System	2:1 Interface
Focus	Auto/Manual
White Balance	Auto, ATW, Indoor, Outdoor, Outdoor Auto, Sodium, One Push, Manual
Iris Control	Auto/Manual
WDR (Wide Dynamic)	YES
BLC ( Back Light Compensation)	ON/OFF
DNR (Digital Noise Reduction)	3DNR
DIS (Digital Image Stabilizer)	N/A
Pan Angle	360° Continuous
Manual Pan Speed/sec	0.4 ~ 90°/sec
Autoscan	380°/sec
Tilt Travel	-5° ~ 90°/sec 190°/sec Max (w/Turbo)
Manual Tilt Speed/sec	0.4° to 90°/sec. / 190°/sec. maximum (Turbo)
Preset Tilt Speed/sec	380°/sec
Communication	RS-485 baud rate:2400 ~ 38400bps (default:9600bps)
Preset	128 positions with camera status (16-character title)
Zone Title	24 Area Names
Privacy Zone	8 Blocks in a Screen
Title Character	20 Character per Line / 11 Lines (Max)
Tour	4 tours
Pattern	4 patterns, 120 second
Auto Pan	4 auto scan include vector scan/1 Auto Pan
Flip	Digital Quick Turn
Alarm (Input/Output)	4/1
Power Requirement	24 VAC/VDC 700mA
Dimension (W x H)	5.65" x 5.51"

