



# Digital Fishing Camera System



## Central Monitoring System

- Manage large number of DVRs from central location
- Connect and manage all Cameras, Sensors, Relays that are connected to DVRs.
- Monitor and record various events.
- Various interactive functions with incoming events
- Easy & convenient E-Map Support
- Fast connection to the DVR by Drag & Drop feature
- Support multi-monitor view (2 or 3 monitors)
- Customizable GUI – Window resize. Docking toolbar, Popup window.

## Client Program Feature

- Management of multiple DVRs
- Remote access to multiple DVRs ( up to 36 DVRs )
- Remote access to DVR settings and recorded data
- Communication protocols: PSTN, DSL, ISDN, and TCP/IP
- Easy & convenient E-Map Support



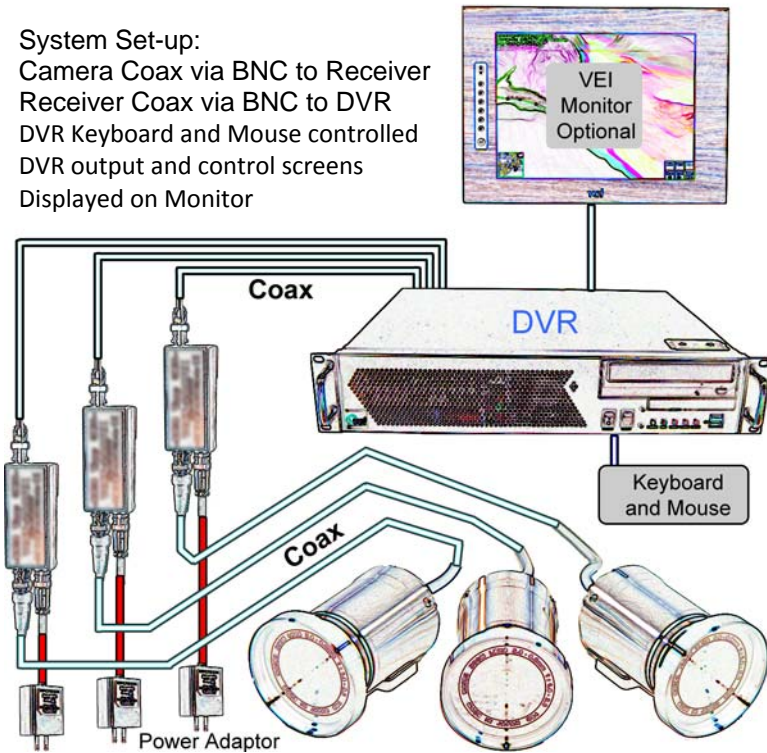
*The World is Within Your View*



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System Set-up:  
 Camera Coax via BNC to Receiver  
 Receiver Coax via BNC to DVR  
 DVR Keyboard and Mouse controlled  
 DVR output and control screens  
 Displayed on Monitor



## Outdoor Fixed Color Cameras

### Camera Physical Specifications

Camera Size:	49 x 94mm (without projections) 1.929" x 3.701"
Camera Weight:	Approx. 800g ( 1.764 lbs )
Color:	Polished Silver(Standard)
Voltage:	+13.5 ~ 16.5VDC (15V±10%)
Power Consumption:	2.63W (Max. 175mA)
Operating Temperature:	-10 ~ +40° C ( 14 ~ 104° F) (Without Condensation)
Storage Temperature:	-30° ~ +70° C ( -22 ~ 158° F) (Without Condensation)

### Functional Specifications

Pickup element	1/3 inch Interline transfer CCD image sensor
Number of Total Pixels	NTSC 811(H) x 508(V)
Number of Effective Pixels	NTSC 768(H) x 494(V)
Unit Cell Size	NTSC 6.35µm(H) x 7.4µm(V)
Scanning System	2:1 Interlace
Synchronizing System	Internal
Video Output	Composite Video, 1 Vp-p 75Ω Unbalanced
Resolution (Horizontal)	More than 450TV lines (center)
Minimum Illumination	1.0 lx. F1.6
Automatic Gain Control	8 ~ 36dB
S/N Ratio	More than 50dB (AGC = 8dB, γ = 1.0)
Standard Lens	Varifocal Auto-iris Zoom lens, (f2.6-6.0mm, F2.0-2.8)
Angular view	35° ~ 70° (H)

### DVR Operational Specifications

**Available Recording Time: 3 days to 2 weeks**

**Frame Rate: 30 -480 fps\***

**Recording Media: hard drive 160Gb, 320Gb, 1 Tb\***

**Export Media: Memory stick, CD, or DVD\***

*\*depending upon processor/frame rate options*

Feature	DVR Specification	
	Ocean View Basic	Ocean View Advanced
Camera Input	1-32 Port (NTSC/PAL)	1-32 Port (NTSC/PAL)
Sound Input	1, 2 Port (Optional 16 Port for ACAP)	1-32 Port
Sensor Input	1-16 Port	1-32 Port
Relay Output	1-4 Port	1-8 Port
Composite Output	1 Port (NTSC/PAL, Split or Switching)	1 Port (NTSC/PAL, Switching or Sync)
Image Format	S/W MPEG - 4	H/W MPEG - 4
Recording Mode	Watch, Normal, Motion Detection, Sensor, Scheduled Recording	
Remote Control	Full Remote Control PSTN, ISDN, ADSL, LAN and TCP/IP	
Back - up	DAT, CD, DVD	
PAN/TILT/ZOOM/FOCUS	RS-232/422/485 Interface	