

## VIDEOTREC



### Introduction

VIDEOTREC ® Network Speed Dome is the latest technology that incorporates a newly developed MPEG4 Video Stream Processor. The firmware greatly enhances operability and picture quality from remote control.

It can view and control speed dome through LAN, WAN, and mobile phone with Pocket Player. The MPEG4 streaming with high compressed rate but still keep good quality image through LAN, WAN and mobile phone. In mobile phone, it only needs 64kbps band width to real time display video and audio. The IP-460 Network Speed Doom is the future of remote security.



### Main Features

- View and control dome camera either Network or direct.
- Support ADSL PPPoE.
- Simple Web browser setup, easy operates.
- Support IP packet filter function to keep from hacker.
- BLC and auto white balance.
- Auto-focus and auto-iris.
- AE control: Auto, Manual, Priority mode, Bright, EV compensation, Back-light compensation.
- 4 programmable cruises, each cruises with 8 preset positions.
- 360° continuous pan rotation.
- 90° tilt scan range.
- 180° auto flip.
- Manual pan speed: 0.1°/s ~ 240°/s.
- Manual tilt speed: 1.0°/s ~ 120°/s.
- Preset capture speed: 360°/s.
- Optional protocol translator to receive control commands from another source.
- It has 63 programmable preset positions, each preset position can setup text by user, the text can display English, Japanese and Chinese etc.
- FEVE: enduring environment, resistible acid & base, five years warrant. (Option)

# IP-460 Series Network Speed Dome

## Technical Specification

Specification / Model	IP-460 B	IP-460 BP	IP-460 C	IP-460 CP	IP-460 G	IP-460 GP
Video Signal Format	NTSC	PAL	NTSC	PAL	NTSC	PAL
Day / Night	Yes		No		Yes	
Image Sensor	1/4 type EX-view HAD CCD		1/4 type EX-view HAD CCD		1/4 type Super HAD CCD	
Horizontal Resolution	480 TV lines		480 TV lines		480 TV lines	
Num. of Effective Pixels	App. 380,000	App. 440,000	App. 380,000	App. 440,000	App. 380,000	App. 440,000
Zoom Ratio	216X ( 18X Optical, 12X Digital )		72X ( 18X Optical, 4X Digital )		312X ( 26X Optical, 12X Digital )	
Minimum Illumination	0.01 lx ( 50 IRE )		1.0 lx ( 50 IRE )		0.01 lx ( 50 IRE )	
Flicker Cancel	Auto		No		Auto	
White Balance	AWB, ATW, Indoor, Outdoor, One-push, Manual		AWB, ATW, Indoor, Outdoor, One-push, Manual		AWB, ATW, Indoor, Outdoor, One-push, Manual	
S/N ratio	More than 50 dB		More than 50 dB		More than 50 dB	
Data Transfer	RS-485		RS-485		RS-485	
Power consumption	DC12V		DC12V		DC12V	

Specification / Model	IP-460 H	IP-460 HP	IP-460 I	IP-460 IP	IP-460 J	IP-460 JP
Video Signal Format	NTSC	PAL	NTSC	PAL	NTSC	PAL
Day / Night	Yes		Yes		Yes	
Image Sensor	1/4 type EX-view HAD CCD		1/4 Interline Transfer CCD		1/4 Interline Transfer CCD	
Horizontal Resolution	480 TV lines		520 TV lines		520 TV lines	
Num. of Effective Pixels	App. 380,000	App. 440,000	App. 380,000	App. 440,000	App. 380,000	App. 440,000
Zoom Ratio	432X ( 36X Optical, 12X Digital )		230X ( 23X Optical, 10X Digital )		240X ( 30X Optical, 8X Digital )	
Minimum Illumination	0.01 lx ( 50 IRE )		Color: 0.7 lx / F1.6 ( 50 IRE ) B/w: 0.001 lx / F1.6 ( 50 IRE )		Color: 0.4 lx / F1.6 ( 50 IRE ) B/w: 0.001 lx / F1.6 ( 50 IRE )	
Flicker Cancel	Auto		Auto		Auto	
White Balance	AWB, ATW, Indoor, Outdoor, One-push, Manual		AWB, ATW, Indoor, Outdoor, One-push, Manual		AWB, ATW, Indoor, Outdoor, One-push, Manual	
S/N ratio	More than 50 dB		More than 50 dB		More than 50 dB	
Data Transfer	RS-485		RS-485		RS-485	
Power consumption	DC12V		DC12V		DC12V	

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# IP-460 Series Network Speed Dome

## Network Specification

- Connection Interface
  - RJ45 twisted pair direct network connection for 10/100 base-T Ethernet.
  - Wireless LAN: 802.11 b/g, WEP/Station & AP mode support. (Optional)
  - RS-485 for external device control. (Ex. Pan/Tilt/Zoom control)
  - External power supply: DC 12V 1000Ma.
- Video Streams
  - JPEG still images and Motion-JPEG video.
  - MPEG1 Encoding.
  - MPEG2 MP@ML Encoding.
  - MPEG4 SP Encoding.
  - DivX 5.0 Encoding.
  - Image frame rate: Up to 30 Frames/sec at D1 resolution.
- Audio Features
  - Compression Codec: ADPCM/MP3
  - Audio Data Communication.
  - Full Duplex. (Bi-directional communication allows simultaneous transmission in both directions.)
  - 1X Audio-in / 1X Audio-out. (D3.5 mm stereo jack)
- Protocols
  - TCP/IP, ICMP, HTTP, FTP, SMTP, ARP, PPP, DHCP, PPPoE.
  - Camera Control: Pelco-D, Pelco-P, Transparent, etc.
- Certification
  - CE According to EMC DIRECTIVE 89/336/EEC ( EN 61000-6-3 / EN 50130-4 )
  - FCC According to FCC Part 15 Class B ( DoC )
- Applications
  - 16CH Software DVR.
  - Easy Configuration Software. (ENCP)
  - Relay Manager Software.
  - PDA: WinCE & WinCE.NET Mobile Manager.

## Order Information

- Indoor Speed Dome : Match VT-12H 、 VT-16H
- Outdoor Speed Dome : Match VT-12W 、 VT-16W 、 VT-17W