

VIDEOTREC

Introduction

VIDEOTREC ® VTC-460 Series High Speed Dome is the latest technology that incorporates a newly developed Digital Signal Processor (DSP). The firmware greatly enhances operability and picture quality.

It integrates a digital camera, lens, VIDEOTREC ® protocol receiver, and variable high-speed pan/tilt and dome enclosure. The dome driver use a stepping motor, high acceleration rate, accurate position and smooth and steady motion to let the user very easily programming and setup the target position.

The dome is capable of 128 preset target positions, 360° continuous pan rotation, 90° tilt scan range and 180° auto flip. A built-in fan and heater keep the inner temperature at operation a range. There is a heavy duty Aluminum wall mount bracket and double layer 6" dome to isolate outside temperature.



Main Features

- BLC and auto white balance.
- Auto-focus and auto-iris.
- AE control: Auto, Manual, Priority mode, Bright, EV compensation, Back-light compensation.
- 4 programmable patterns, each pattern with 8 preset positions.
- 360° continuous pan rotation.
- 90° tilt scan range.
- 180° auto flip.
- Manual pan speed: 0.1° ~ 240°/s.
- Manual tilt speed: 1.0° ~ 120°/s.
- Preset capture speed: 360°/s.
- It has 128 programmable preset positions, each preset position can setup text by user, the text can display English, Japanese and Chinese etc.
- Optional protocol translator to receive control commands from another source.
- VIDEOTREC speed dome support protocol belown Qnap Vio DVR, huperLab DVR, Lilin DVR, Artnix DVR, CK DVR etc.
- FEVE: endureable environment, resistible acid & base, five years warrant. (Optional)
- Environment
 - Fan : 40°C ON , 30°C OFF
 - Heater : 5°C ON , 15°C OFF
- Operate Temperature : 0°C ~ 50°C

VTC-460 Series Speed Dome

Technical Specification

Specification / Model	VTC-460 B	VTC-460 BP	VTC-460 C	VTC-460 CP	VTC-460 G	VTC-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)		0.5 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	VTC-460 H	VTC-460 HP	VTC-460 I	VTC-460 IP	VTC-460 J	VTC-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	

Order Information

- Indoor Speed Dome : Match VT-12H 、 VT-16H
- Outdoor Speed Dome : Match VT-12W 、 VT-16W 、 VT-17W 、 VT-27W 、 VT-27WN 、 VT-29W

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