

# 3D-DNR Color Camera Module **NEW**



ACE-M385NHV



ACE-M385NHB



ACE-M385NHP1



ACE-M385NHP3



ACE-M385NHP4

- 600 TVL Horizontal Resolution
- Min. Illumination of 0.0001 Lux / F1.2(Sens-up)
- 3 Digital Noise Reduction (3D DNR)
- AGC, ATW, BLC, HSBLC
- 32x Digital Zoom, Multi Language
- OSD, Privacy Masking, Motion Detection
- Dimension: 1.50 inch (W) x 1.50 inch (H)

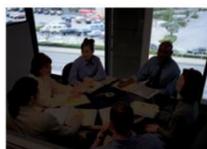


## Key Features

- Sony 1/3" Super HAD Color CCD II
- Board Lens, Pin hole Lens(P1,P3,P4), Varifocal F4.0 ~0.0mm
- Digital Day & Night
- 3D Digital Noise Reduction (3D DNR)
- Digital Wide Dynamic Range (D-WDR)
- Highlight Suppression BLC (HSBLC)
- Sense-Up Function (Max. x256)
- 8-Zone Privacy Masking / 4-Zone Motion Detection
- Freeze / Mirror / Sharpness
- OSD With Built-in Joystick controller
- Supports 12VDC Power Supply

### What is Digital Wide Dynamic Range (WDR)?

D-WDR enhances the image quality between two contrasting light sources. It compensates for the dark and bright images without any saturation to obtain the best possible picture.



NORMAL



BLC



WDR ON

### 3D Digital Noise Reduction (3D DNR)

The amount of low illumination noise is remarkably reduced and signal-to-noise ratio (S/N) as well as horizontal resolution dramatically improved, it results in a clear and sharp image display even in the dark lighting condition.



CONVENTIONAL CAMERA



KPC-DNR700NH/PH

### Excellent Low-Light Performance (Sense-Up)

With the built-in sense-up function, you can maintain a brilliant image by automatically detecting a light level in a dark environment and enhance the sensitivity to achieve an excellent low-light performance.



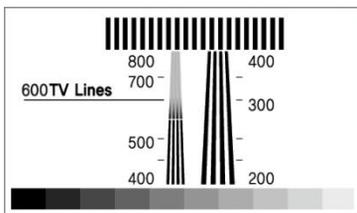
SENSE-UP MODE OFF



SENSE-UP MODE ON

## Superior Image Resolution of 600 TV Lines

Outstanding performance of 600 TV Lines in a Module type camera. Discreet camera for indoor, covert, ATM, and other various multiple application use. With 600 TV Lines resolution,



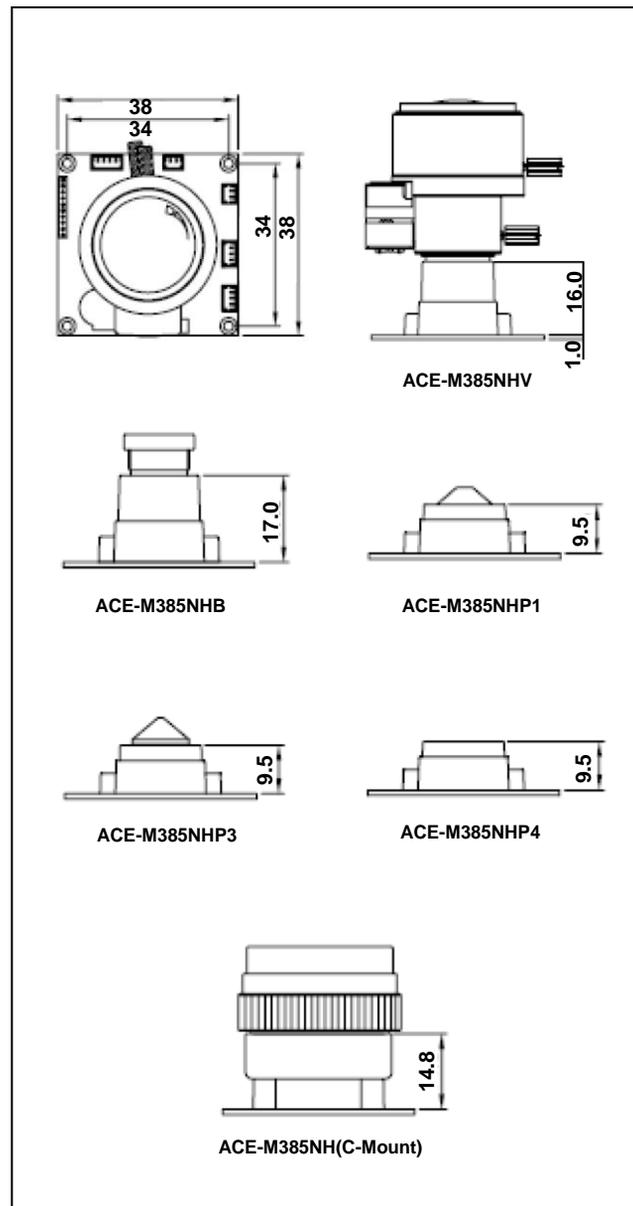
you'll experience the most crisp clear picture image on your monitor with advanced digital ghost and noise reduction technology only from KT&C brand cameras.

\* Specifications & Features are subject to change without prior notice.

## Technical Specification

Image Device	Sony 1/3" Super HAD CCD II
Scanning System	2 : 1 Interlace
Scanning Frequency	H: 15.734 (KHz), V: 60 (Hz)
Total Pixels	811(H) × 508(V),
Effective Pixels	768(H) × 494(V)
Horizontal Resolution	600 TVL
Electronic Shutter	1/60 ~ 1/100,000sec Auto
S/N Ratio	More than 50dB (AGC Off)
Sensitivity	0.0001 Lux / F1.2(Sens-up)
Gamma Correction	$\lambda = 0.45$
Sync System	Internal
Video Output	Composite 1 [Vp-p] 75( $\Omega$ ) unbalanced
Lens	Fixed Board / Pinhole / Varifocal / C-Mount Lens
Digital WDR	Indoor, Outdoor 1, Outdoor2
DNR	3D DNR (Level Adjustable)
Sense-Up	x2~x256 (Level Adjustable)
AGC	Off, Low, Mid, High
White Balance	ATW, Push, Push-lock, Manual, Indoor, Outdoor
Day and Night	Digital Day and Night
Motion Detection	Zone 4ea (Mask On / Off)
Privacy Masking	Zone 8ea (Mask On / Off)
OSD	Built-in
Language	Standard: English, French, Russian, German, Spanish, Dutch Option1: English, Chinese / Option2: English, Japanese
Communication	RS-485 (Palco-D Protocol)
Power Supply	DC12V ( $\pm 10\%$ ), Max. 120mA
Operating Temperature	-10°C ~ +50°C
Storage Temperature	-20°C ~ +60°C
Operating Humidity	10% ~ 80%

## Dimensions (Unit: mm)



## Lens Option

Lens (mm)	Type	Board Lens (B)												Pinhole Lens			Vari-Focal (V)	C/CS Mount
														(P1)	(P3)	(P4)		
		Focal Length	1.24	1.78	2.1	2.45	2.97	3.6	6	8	12	16	25	50	3.7	3.7	4.3	4.0 ~8.0
	Aperture	F2.8	F3.0	F2.0	F2.0	F2.0	F2.0	F2.0	F2.0	F2.2	F2.5	F2.5	F2.5	F2.0	F2.0	F2.0	F20~F2.8	
	Angle of View	190°	170°	160°	150°	130°	92°	53°	40°	28°	19°	13.8°	9.2°	90°	90°	78°	89.2°~44.2°	

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