

# Product Specification

## CUSTOMER'S APPROVAL

**COMPANY** \_\_\_\_\_

**SIGNATURE** \_\_\_\_\_

**DATE** \_\_\_\_\_

This product specification is subject to change without notice.  
Please return one copy with your signature on this page for approval.

# Product Specification

## 1. SPECIFICATION

Model	32KM NTSC	32KM PAL
Image device	1/3" PIXEL CMOS SENSOR PC1089K	
TV Type	NTSC	PAL
Effective Pixels	728(H) x 488(V) 380K	
Cell Size	6.35 $\mu$ m(H) x 7.40 $\mu$ m(V)	
Horizontal Resolution	More than 520 TV Lines	
Sync. Type	Internal	
Scanning System	2:1 Interlace	2:1 Interlace
Scanning System		
Scanning Frequency (H)	15.735KHz	15.625KHz
Scanning Frequency (V)	60Hz	50Hz
Video Output	1.0 vp-p Composite (75 $\Omega$ )	
Gamma Correction	0.45 typ.	
Sensitivity	0.2 Lux @ F2.0	
S/N Ratio	More than 42Db (AGC OFF)	
Gain Control Gain Control	Automatic Automatic	
Electronic Shutter	1/60 ~ 1/100,000sec Auto	1/50 ~ 1/100,000sec Auto
Power Supply	Regulated DC12.0V (6V ~ 20V)	
Consumption Current	Max 50mA	
Reverse Polarity	Yes	
Lens Mount	Fixed Lens Mount	
Operation Temp	10 50°C (H idit 10%RH 60%RH) -10 ~ 50°C (Humidity: 10%RH ~ 60% RH)	
Operation Temp	-20 ~ 70°C (Humidity: 10% RH ~ 60%RH)	
Preservation Temp		
Dimensions	32mm(H) x 32mm(W)	
Weight	Approx. 26g	
Lens Options	Board	
	Pinhole	
	Varifocal	f=3.6(Standard) / 2.2 / 2.9 /

RoHS

Varifocal  
Compliant

Varifocal  
Compliant

Varifocal  
Compliant

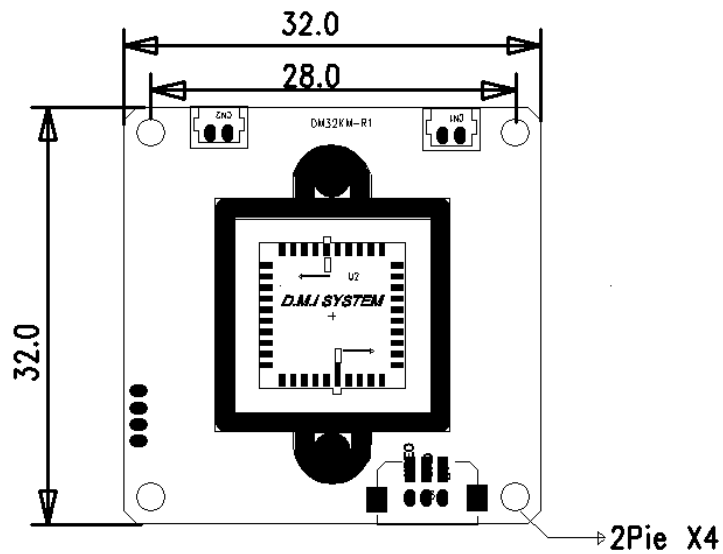
4.3 / 6 / 8 / 12mm  
Flat/Cone Pinhole:  
f=3.7(Standard) / 2.8 / 4.3mm

Manual Varifocal: 4~8mm,  
28~12mm

Manual Varifocal: 4~8mm,  
28~12mm

## Product Specification

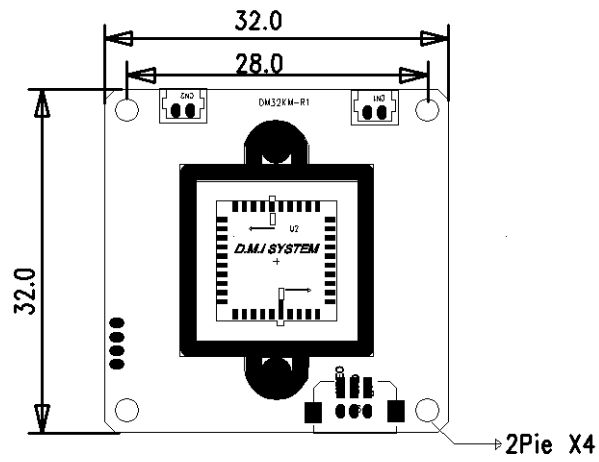
### 2. DIMENSION (mm)



## Product Specification

### 3. INTERFACE SPECIFICATION

### 3.1) Picture Status



### 3.2) I/O CONNECTOR FUNCTION

DC12.0V (RED)	DC POWER INPUT(DC12V)
GND(BLACK)	GROUND
VIDEO OUT(YELLOW)	VIDEO SIGNAL OUTPUT

### 3.3) I/O Harness

