

# LC SERIES



## Features

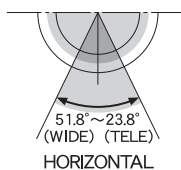
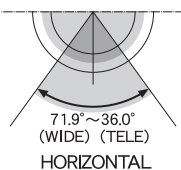
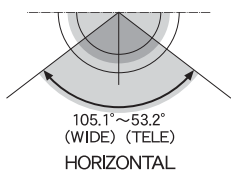
- Compact & Lightweight Design
- Integrated Computer Varifocal Lenses Provide a Wide Variety of Adjustment
- Auto-Sensing Dual Voltage Power Input (12VDC or 24VAC)
- DSP Controls for Backlight Compensation, White Balance, Gain Control and More

## Lens Selection

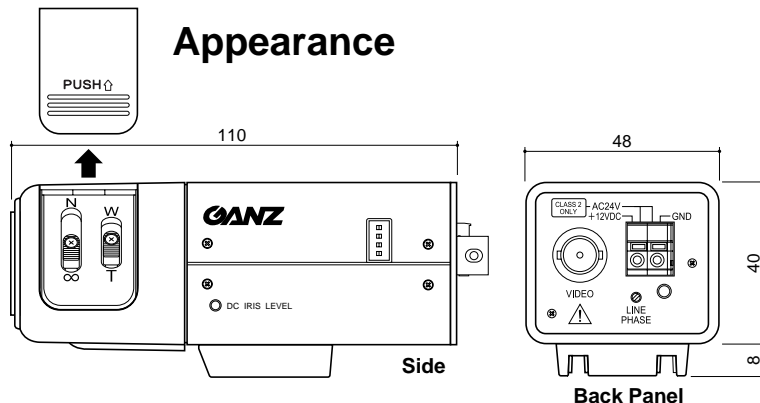
WIDE : 2.0 - 4.0mm

STANDARD : 3.0 - 6.0mm

TELE : 4.0 - 9.0mm



## Appearance



## Specifications / LC Series PAL Version

| Model Number ( Auto Iris Version ) | LC-P24 (LC-P24A)  | LCH-P24 (LCH-P24A) | LCH-C24 (LCH-C24A) | LC-P36 (LC-P36A) | LCH-P36 (LCH-P36A) | LCH-C36 (LCH-C36A) | LC-P49 (LC-P49A) | LCH-P49 (LCH-P49A) | LCH-C49 (LCH-C49A) |  |
|------------------------------------|---|--------------------|--------------------|------------------|--------------------|--------------------|------------------|--------------------|--------------------|--|
| Focal Length                       | 2.0-4.0mm   |                    |                    | 3.0-6.0mm        |                    |                    | 4.0-9.0mm        |                    |                    |  |
| Max. Aperture Ratio                | 1:1.4-1.8   |                    |                    | 1:1.2-1.5        |                    |                    | 1:1.6-2.4        |                    |                    |  |
| Auto Iris ( Only A Type )          | F1.4-300  |                    |                    | F1.2-300         |                    |                    | F1.6-300         |                    |                    |  |
| Angle Of View                      | (D)   | 134.5-66.8         |                    |                  | 96.3-45.4          |                    |                  | 66.1-29.7          |                    |  |
|                                    | (H)   | 105.1-53.2         |                    |                  | 71.9-36.0          |                    |                  | 51.8-23.8          |                    |  |
|                                    | (V)   | 77.4-39.8          |                    |                  | 52.0-26.8          |                    |                  | 38.3-17.8          |                    |  |
| TV System                          | PAL   |                    | CCIR               | PAL              |                    | CCIR               | PAL              |                    | CCIR               |  |
| Scanning System                    | 2:1 Interlace   |                    |                    |                  |                    |                    |                  |                    |                    |  |
| Image Sensor                       | 1/4" IT CCD   |                    |                    |                  |                    |                    |                  |                    |                    |  |
| Effective Pixels (HxV)             | 500 x 582   | 752 x 582          |                    | 500 x 582        | 752 x 582          |                    | 500 x 582        | 752 x 582          |                    |  |
| Scanning Frequency (H/V)           | 15.625kHz / 50.0Hz  |                    |                    |                  |                    |                    |                  |                    |                    |  |
| Video Output                       | 1.0V p-p / 75 $\Omega$  |                    |                    |                  |                    |                    |                  |                    |                    |  |
| Resolution (H)                     | 350   | 470                | 570                | 350              | 470                | 570                | 350              | 470                | 570                |  |
| Min. Illuminance (50IRE)           | 2.0lux  |                    | 0.25lux            | 1.5lux           |                    | 0.2lux             | 2.5lux           |                    | 0.3lux             |  |
| AGC (Max.)                         | +18dB   | +26dB              | +24dB              | +18dB            | +26dB              | +24dB              | +18dB            | +26dB              | +24dB              |  |
| S/N Ratio (AGC Off)                | More Than 48dB  |                    | More Than 54dB     | More Than 48dB   |                    | More Than 54dB     | More Than 48dB   |                    | More Than 54dB     |  |
| Characteristic                     | 0.45  | 0.6                | 0.45               | 0.45             | 0.6                | 0.45               | 0.45             | 0.6                | 0.45               |  |
| Sync. System                       | INT / L.L.  |                    |                    |                  |                    |                    |                  |                    |                    |  |
| Iris Control                       | DC Iris : Shutter Speed 1/50 Sec. Fixed   |                    |                    |                  |                    |                    |                  |                    |                    |  |
|                                    | AES : 1/50 - 1/100,000 Sec. Linear  |                    |                    |                  |                    |                    |                  |                    |                    |  |
| White Balance                      | ATW/AWB/FIX   | ATW/AWB            | -----              | ATW/AWB/FIX      | ATW/AWB            | -----              | ATW/AWB/FIX      | ATW/AWB            | -----              |  |
| Power Supply                       | AC24V -10% or DC12V -10%  |                    |                    |                  |                    |                    |                  |                    |                    |  |
| Power Consumption                  | Less Than 5.3W  | Less Than 5.8W     | Less Than 4.4W     | Less Than 5.3W   | Less Than 5.8W     | Less Than 4.4W     | Less Than 5.3W   | Less Than 5.8W     | Less Than 4.4W     |  |
| Ambient Temperature                | Operation : -10 $\text{ }^{\circ}\text{C}$ ~+50 $\text{ }^{\circ}\text{C}$ , Storage : -20 $\text{ }^{\circ}\text{C}$ ~+60 $\text{ }^{\circ}\text{C}$ |                    |                    |                  |                    |                    |                  |                    |                    |  |
| Ambient Humidity                   | RH85% Max. (Keep Free From DAMP)  |                    |                    |                  |                    |                    |                  |                    |                    |  |
| External Dimensions                | 48(W) x 48(H) x 118(D) mm   |                    |                    |                  |                    |                    |                  |                    |                    |  |
| Weight                             | Approx. 200g  |                    |                    |                  |                    |                    |                  |                    |                    |  |
| Dip Switch Settings                | Sync. : L.L./INT  | ATW/AWB            | Flickerless        | Sync. : L.L./INT | ATW/AWB            | Flickerless        | Sync. : L.L./INT | ATW/AWB            | Flickerless        |  |
|                                    | Sharp : On/Off  | BLC : On/Off       | BLC : On/Off       | Sharp : On/Off   | BLC : On/Off       | BLC : On/Off       | Sharp : On/Off   | BLC : On/Off       | BLC : On/Off       |  |
|                                    | BLC : On/Off  | AES : On/Off       | AES : On/Off       | BLC : On/Off     | AES : On/Off       | AES : On/Off       | BLC : On/Off     | AES : On/Off       | AES : On/Off       |  |
|                                    | Flickerless   | AGC : On/Off       | AGC : On/Off       | Flickerless      | AGC : On/Off       | AGC : On/Off       | Flickerless      | AGC : On/Off       | AGC : On/Off       |  |
|                                    | AES : On/Off  |                    | Sharp : On/Off     | AES : On/Off     |                    | Sharp : On/Off     | AES : On/Off     |                    | Sharp : On/Off     |  |
|                                    | ATW/AWB   |                    | : 0.45/1.0         | ATW/AWB          |                    | : 0.45/1.0         | ATW/AWB          |                    | : 0.45/1.0         |  |
|                                    | WB : Auto/Fix   |                    |                    | WB : Auto/Fix    |                    |                    | WB : Auto/Fix    |                    |                    |  |
| AGC : On/Off                       |   |                    | AGC : On/Off       |                  |                    | AGC : On/Off       |                  |                    |                    |  |
| Adjustment Volume                  | DC Iris Level (Only A Type) , Line Phase  |                    |                    |                  |                    |                    |                  |                    |                    |  |
| Standards                          | CE  |                    |                    |                  |                    |                    |                  |                    |                    |  |

Features and specifications are subjected to change without any notice for further improvement.



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