



YC series of cameras

DATA SHEET

Colour series of cameras



- Aesthetic design
- Rugged & Compact design
- Wide variety of applications
- CS mount
- Dip switches for configuration
- Line lock with phase adjustment
- Automatic gain control
- Backlight compensation
- 1/3" IT CCD
- Main and low voltage options
- High & medium resolution options
- Operational with fixed, manual, DC drive and video drive lenses
- Auto white balance

The YC series of colour Ganz cameras have been designed to be aesthetically pleasing whilst be rugged and compact. They utilize the 1/3" interline transfer CCD providing high quality images in a wide variety of applications. The FC cameras can accept all types of lenses whether they are manual lenses in internal application using AES (auto electronic shutter) or using auto iris lenses, either DC or video iris, providing the connection for these from the same plug. Within the range there are both mains voltage and low voltage options, also within the voltage varieties are standard and high-resolution options. When on site there are features such as automatic gain control, back light compensation and phase synchronisation which allow the set up of the camera to be customised to suit the on site environment.

Range of camera models

YC-25P	Standard resolution, Low voltage
YC-30P	Standard resolution, Mains voltage
YCH-25P	High resolution, Low voltage
YCH-30P	High resolution, mains voltage

The FC series of cameras are designed to be both simple to install and versatile to suit almost all applications.





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TECHNICAL SPECIFICATION

	YC-30P	YC-25P	YCH-30P	YCH-25P
TV System	PAL system			
Lens mount	CS mount			
Scanning System	2:1 Interlace			
Image sensor	1/3 inches IT CCD ineline			
Effective elements (h)x(v)	500 x 582	500 x 582	752 x 582	
Video outputs				
Resolution (horizontal)	330TVL		480TVL	
Min.Illuminance	Less than 0.8Lux(F1.2/50IRE) Lessthan 0.36Lux (F0.8/50IRE)		Less than 1.6Lux(F1.2/50IRE) Less than 0.72Lux(F0.8/50IRE)	
S/N ratio	More than 48dB			
γcharacteristic	0.45			
Sync.system	INT./L.L. (Manual switch)			
Iris control	Video/DD/EI			
White Balance	Auto tracking white balance			
Power supply	230Vac	24Vac/12Vdc	230Vac	24Vac/12Vdc
Power consumption	3.5W	3.5W	4.0W	4.0W
Operating conditions	- 10°C ~ +50°C relative humidity 80% max			
Storage conditions	- 20°C ~ +50°C relative humidity 80% max			
External dimensions	55(W) x 40(H) x 112.4(D)mm			
Weight	Less than 410g	Less than 280g	Less than 410g	Less than 280g
Input & Output	Video output : BNC			
Switches	Iris control, Video / AES / DC, Sync System : INT./L.L., BLC :ON/OFF			

