

ELMO

PTC-100S

PTC-110R

PAN/TILT/ZOOM
Communication Camera



The Powerful Choice for Visual Communication

22x
optical zoom

300° pan

120° tilt

Max. 90°/sec.
pan/tilt speed

RS-232C
connection

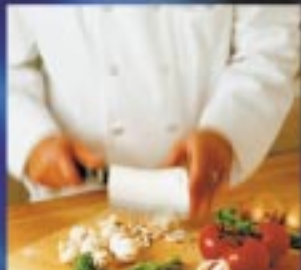
IR
remote control



ELMO

Visualizing technology since 1921

**When clarity and speed are critical,
choose the pan/tilt/zoom camera that outperforms the rest.
After all, it's your image that's at stake.**



Distance learning



Videoconferencing



Monitoring



Presentations



Web casting



PTC-100S/PTC-110R
PAN/TILT/ZOOM Communication Camera

22x Optical Zoom for Detailed Image Capture

The PTC-100S features a high-performance 22x optical zoom, the most powerful in its class. Unlike electronic zooms, which simply enlarge part of an image without adding any detail, optical zooms increase the focal length of the lens, allowing the camera to clearly capture objects in full detail without causing pixelated effects. Image clarity is further ensured with the PTC-100S's high picture resolution of more than 460 TV (horizontal) lines. Full auto focus and manual focus modes are available.



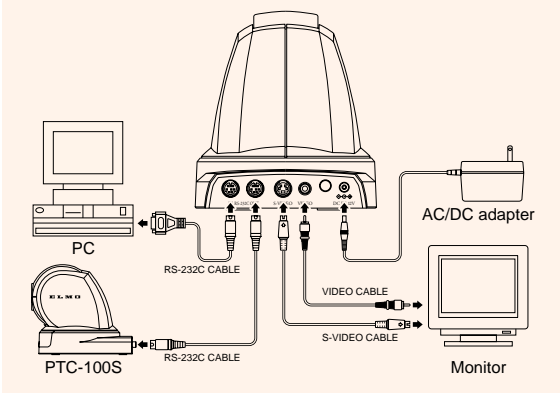
22x
optical zoom

Wide Panning/Tilting Range and Quick Speed

The PTC-100S has a panning range of 300° (150° left, 150° right) and a tilting range of 120° (+90° and -30°). Plus, it boasts a pan/tilt speed of maximum 90° per second—the fastest in its class—so it's quick to go right to where you need it, when you need it. When equipped with an optional wide conversion lens, it delivers a wide horizontal field of view of 65°.

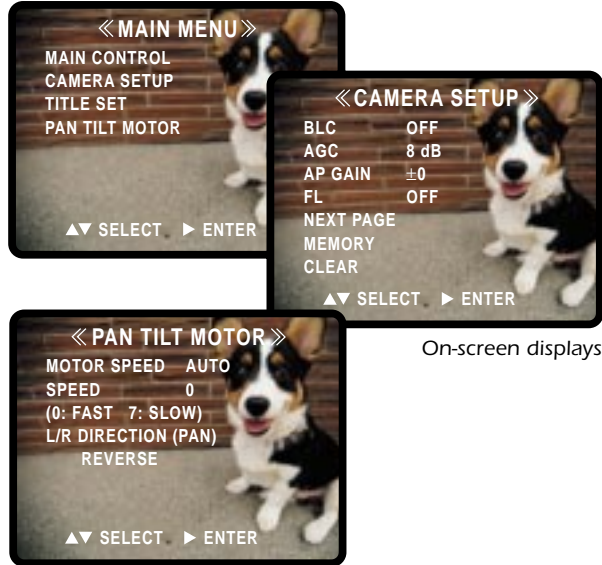


System configuration



Easy Image Control

Full camera controls include backlight compensation, iris selection, white balance, color balance, AGC gain and edge enhancement. The PTC-100S's on-screen display (OSD) makes it easy to control a wide range of parameters for the shots you want.



On-screen displays

Versatile Remote Control Features

The supplied wireless remote controller gives you complete control of the PTC-100S and its on-screen display adjustments. Infrared sensors are located at the front and rear of the camera. Plus, up to 6 cameras can be operated individually with a single remote controller by designating different ID numbers for each camera. The PTC-100S can also be connected to a PC via the RS-232C port. Up to 7 cameras can be daisy chained through an RS-232C connection.



Remote controller

Attractive, Advanced Design

The PTC-100S features a low-profile, symmetrical design that easily blends into any environment—from homes and offices to stores—without being conspicuous. Its compact size and light weight allows it to be easily carried from place to place.

Other Convenient Features

- 6-position preset mode
- Auto and manual (8-step) motor speed control
- Left/right direction change, homing, pan/tilt reset
- Power-save mode

A ceiling-mount model, the PTC-110R is also available.



PTC-100S/PTC-110R PAN/TILT/ZOOM Communication Camera

SPECIFICATIONS (PTC-100S)

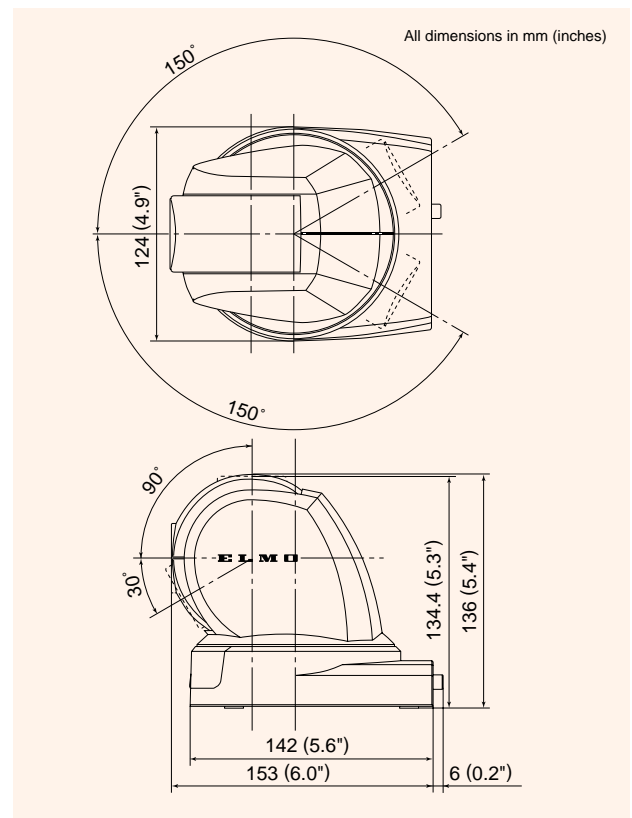
TV system	NTSC system
Pick-up device	1/4-inch IT color CCD
Total picture element	410,000 pixels
Sync. system	Internal
Resolution (horizontal)	More than 460 TV lines
Resolution (vertical)	More than 350 TV lines
S/N ratio	More than 49 dB
Minimum illumination	2 lx
Lens	22x powered zoom, f=4.0 – 88.0 mm, F1.6 – 3.8
Zoom	22x powered optical zoom
Field of view (horizontal)	47.5°(*) – 2.3°
Lens filter diameter	37 mm, pitch=0.75 mm
Video output	RCA x 1
S-video output	Mini DIN 4-pin x 1
Communications	RS-232C mini DIN 8-pin x 2
CAMERA CONTROLS	
Backlight compensation	ON/OFF
Iris selection	Auto/manual
White balance	ATW/push-set/manual
Focus	Full-auto/manual
Picture adjustment	Color balance, AGC gain, Edge enhancement, etc.
PAN/TILT CONTROLS	
Pan (H)	+/- 150° (300° in total, max. speed 90°/s)
Tilt (V)	-30° to 90° (120° in total, max. speed 90°/s)
Left & right direction change	Provided
Homing	Provided
Pan/tilt reset button	Provided
Speed control	Auto & manual (8 speeds)
Diagonal movement	Enabled at preset mode
OTHER CONTROLS	
Preset	6 positions
Remote control for multiple cameras	Max. 6 PTC-100S/PTC-110R cameras
Remote control for power ON/OFF	Provided
Power save mode	Provided
OSD menu	Provided (camera/preset selection)
RS-232C daisy chain connection	Max. 7 PTC-100S/PTC-110R cameras
Power requirement	12V DC from supplied AC adapter
Dimensions (W x D x H)	124 x 153 x 136 mm (4.9" x 6.0" x 5.4")
Weight	Approx. 790 g (1.7 lbs)
Supplied accessories	IR remote controller (w/batteries), AC adapter, RCA cable, Instruction manual

The PTC-110R is a ceiling-mount model with the same features as the PTC-100S.
A standard metal fitting for ceiling mounting is supplied with the PTC-110R.

*The wide-angle view will be approx. 65° when an optionally available wide conversion lens is attached.
Weight and dimensions are approximate. Design and specifications are subject to change without prior notice.

RS-232C protocol and sample software are available at our website:
www.elmoussa.com.

PROFILE (PTC-100S)



OPTION



ELMO CO., LTD. (Head Office and Factory)'s QMS/EMS has been registered to ISO 9001 & ISO 14001.

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