



CTP520Z22 Speed Dome Camera Specification Sheet



Superior Technology & Capabilities

- High Resolution Camera (22x Color)
- AMP connection for quick and easy installation
- Up to 8 privacy masks
- 4000V video, data, power lightning and surge proof
- Built-in alarm: 7 alarm inputs and 2 alarm outputs
- Built-in Multi-Protocols including: Pelco-P, Pelco-D

Camera Features

- Backup memory, Dome memory is located on the PCB board ensuring that the setting will remain unchanged if PTZ module is replaced.
- AMP connection for quick and easy installation, with black liner for discreet surveillance
- Built-in alarm: 7 alarm inputs and 2 alarm outputs
- Ultra Resolution 22x Indoor Color camera module for indoor applications.
- 220 programmable presets with preset title; 4 sequences with 32 preset position storable each; 4 patterns recording pan/tilt/zoom operations over 180 seconds each; 4 auto panning; 8 regions.
- Up to 8 privacy masks
- Schedule function: users can set a certain function to run at a specific time, 8 time slots in a day
- On Screen-Real time information display (dome information, working temperature and Fan speed etc.)
- Multi-transmission interface: built-in BNC/UTP video transmission interface, optional plug in Fiber Optic and IP modules
- RS485, Manchester, Bi-Phase or Coaxitron Communication Interface
- Built-in multi-protocols: SAE, Pelco-P, Pelco-D, VCL, Molyx, Vicon, Diamond, Kalatel, Philips, American Dynamics



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SPECIFICATIONS

CTP520SZ22

Camera Features

Scan System	2:1 Interlacing
Image Sensor	1/4" Interline Transfer Method CCD
Effective Pixels	752(H)X 582(V)PAL 768(H)X 494(V)NTSC
Scan Frequency H/V	1/4" Interline Transfer Method CCD
Resolution	520TVL
Zoom Ratio	352X (Optical 22x, Digital 16x)
Sync System	Internal
Video Output	1.0±0.2Vp-p
S/N	≥50dB
Sensitivity	0.06lux
White Balance	Auto/Manual
BLC	Off/Auto

Lens Options

Angel of View	Wide 47° / Tele 2.2°
Aperture (F)	F 1.6 - F3.8
Focal Length	f=4~88mm

Mechanical

Pan/Tilt Speed (Manual)	0.1° ~ 160°/s
Preset Speed	360°/s (Average) 540°/s (Max)
Rotation	360° Continuously, Tilt 0°-90°
Auto Flip	Rotates 180° at the Bottom of a Tilt Travel
Zoom Speed Control	Auto
Zoom Speed	3.9s/6.3s (Wide/Tele)

Operation Features

Preset	220 with Titles
Auto Panning	0° ~ 355° Programmable 4 Auto Panning
Display Area	8 with Titles
Privacy Mask	4
Sequence	4
Pattern	4
Built-In Alarm	7 Inputs/2 Outputs

Environmental

Operating Temperature	-0° ~ +50° (Indoor)
Environment Humidity	0 ~ 95%
Protection	Weather Proof Housing, TVS 4000V Lightning Proof, Surge Proof

Power Supply

Power Source	AC24V 50/60Hz
Consumption	15W (Indoor)

General

Receiver	Built-In
Video Outout	Female BNC/UTP
Communication Interface	RS485.422, Manchester Code, Bi-Phase, Coaxitron
Baud Rate	2400/4800/9600/19200bps
ID Range	1~254
Down Cover	Transparent, Smoked, (Optional with Two Weeks Notice: Golden, Silver, Vandal Proof)
Dimension (HxD)	251x204mm (Surface); 283x247 mm (Ceiling)
Weight	4.1 kg (Surface); 4.3 kg (Ceiling)

Accessories



CTP-KEYBOARD

See datasheet, Camera CTPKeyboard for additional details.

Mounting Options



Parapet Mount
CTP-M013-02



Pendent Mount
CTP-M023



Pole Mount
CTP-SW12-012



Wall Mount
CTP-M013-01



Corner Mount
CTP-SW12-013



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