

**PRO
Classic**

Altitude CP-1100 Series of Mini-Pan Tilt Zoom Network IP Cameras



- **Dual-stream H.264 and MPEG-4 video**
- **Multi video resolution settings at up to VGA**
- **SD Slot Available***
- **Advanced 1/4" DSP CCD camera with up to 12x Optical, 12x digital zoom**
- **Bi-Directional Audio**
- **Preset, pattern and area title capability**
- **Flip Functionality**
- **Anti-ice and anti-mist, built-in heater and air circulating system (outdoor only)**
- **Vandal-resistant polycarbonate bubble - standard**
- **Tinted (Smoked) Bubble options**
- **Unicast or Multicast**
- **Exceeds IP66 and NEMA-4 specifications**
- **24VAC and PoE+ power on Indoor models**
- **Mounting options include wall, pendant, corner and over-the-roof mounts**
- **Remote access for configuration, administration, viewing and control via standard web browser, via supported system software, configuration tool, and telnet.**



H.264 / MPEG4 Mini-PTZ Cameras with 12X Optical Zoom, VGA Resolution, available with Color-Day/Night (outdoor version).

The CP-1100 Series of industrial-grade, high-resolution IP mini-PTZ dome cameras incorporate the latest DSP technology to provide unparalleled video quality. The CP-1100 camera systems are designed to meet the toughest surveillance applications with a complete set of programmable camera features including high-speed precision camera presets, patterns, guard tours, privacy windows as well as a user friendly onscreen programming interface. Available for indoor and outdoor applications, the CP-1100 series is well suited for the most demanding security and surveillance applications.

The Altitude CP-1100 cameras are ideal in both indoor and outdoor installations and all types of environments. This camera is the preferred choice for use in Airports, Detentions/Prisons, Municipal applications, Seaports, Tollway/Traffic installations and more.

The camera provides dual video streams in both H.264 and MPEG-4 (ISO) up to 30 FPS per stream, for each stream concurrently, in VGA resolution, with 100% image quality. This affords excellent image response and efficient bandwidth utilization.

In addition, DVTEL's Scene Adaptive Algorithms provide the highest image quality at the lowest bandwidth and storage requirements. In most cases, these cameras can maintain 30/25FPS (NTSC/PAL) at VGA resolution starting at less than a megabit per stream.

Bi-directional audio is available for users to remotely listen in to the area surrounding the camera and communicate with visitors or intruders.

IEEE compliant, the entire Altitude Series of network cameras utilize the latest in multicast networking technology which enables a single stream to be transmitted to multiple viewers on the network simultaneously, further reducing bandwidth and providing more flexibility options for installation.

For indoor models, 802.03at/POE+ Power over Ethernet supplies power to the camera via the network, eliminating the need for additional cabling and reducing installation costs.

DVTEL offers a full line of IP cameras and encoders to meet your every need. Please see our IP Camera and Encoder Family Guide at www.dvtel.com/products/edge-devices to explore your options.

*Ready for future support

Altitude CP-1100 Series

Network PTZ Domes

General Specifications

12x Day/Night	
Image Sensor	¼-inch Sony CCD
Zoom - Optical/Digital	12 Optical/12x Digital Zoom
Scanning system	Deinterlaced
Pixel Array NTSC / PAL	768x494 / 752x582
Signal Processing	Sony SS4
Min Illumination	0.5 (lux) Outdoor versions include Night mode 0.066 (lux)
Digital Slow Shutter (DSS)	Yes - 1/2 - 1/10,000 Auto (Up to 16X Sensitivity Boost)
Automatic White Balance (AWB)	Auto/Manual
Backlight Compensation (BLC)	On/Off
Signal to Noise Ratio (SNR)	≥50dB
Automatic Gain Control (AGC)	Yes
Iris	Auto/Manual
Focus	Auto/Manual
Day/Night Mode	Available on Outdoor Version Only
IR Cut filter	Available on Outdoor Version Only
Shutter Speed	NTSC: 1/2 - 1/10K seconds, seamless PAL: 1/1.5 - 1/10K
Minimum Focal Distance	0.5m (wide) - 1.0m (tele)
Varifocal Length	3.8mm - 45.6mm
Angle of View	Wide 53° / Tele 4.4°

Video	
Video Standard	NTSC / PAL
Video Compression Standard	H.264 / MPEG-4, ISO standard, Dual Stream;
Performance	Up to 30 FPS NTSC (25 FPS PAL) for each stream concurrently, in VGA resolution
Video Resolution	Scalable from QVGA-VGA: 320x240 to 640x480
Bandwidth	Configurable between 64 Kbps and 6 Mbps
Audio	
Bi-directional Audio	Line In/Line Out, Compression: G.711
Connector	Accessory Cable
Communication	
Network Protocols	Transport: RTP (Unicast/multicast), UDP (Unicast/multicast), TCP Others: DNS, HTTP server, IGMP V1/V2, Telnet client and DHCP client*
Ethernet	10/100 Base-T Auto sensing, Half/Full Duplex
Management	
Configuration	Remote: Via Web Access, Telnet, or Supported Video Management Software
Regulatory	
FCC	FCC part 15 (class B)
CE	EN55022, EN55024, RoHS
UL/cUL	UL60950-1
Warranty	
	2-year limited warranty, covering parts

Other Specifications

Alarm	
Input	2 Dry Contacts
Output	1 System Relay - 60V AC/DC at 1000 mA max
Camera Presets and Patterns	
Presets	256
Patterns	4
Privacy Windows	16
Resume after Power	Yes
Home Function	Yes
Physical	
Dimensions (D x H) Indoor/Outdoor	5.2" x 6.8" (133 x 173mm) Indoor 7.5" x 10.2" (190 x 260mm) Outdoor with sunshield
Mount	Indoor Surface MT / Outdoor Bracket Mount
Unit Weight	1.2kg (2.6lbs) Indoor 2.1kg (4.6lbs) Outdoor
Unit Shipping Weight	2.0kg (4.5lbs) Indoor 3.9kg (8.6lbs) Outdoor
Mechanical	
Manual Pan/Tilt Speed	0.1° - 90° per second proportional (based on zoom position)
Preset Pan/Tilt Speed	300° per second
Pan Travel	360° Continuous
Tilt Travel	-10° - +100° (with auto-flip)
Pan/Tilt accuracy	±0.2°
Zoom/Focus Accuracy	±0.5°
Motors	Brushless micro stepping motors
Electrical	
Input Voltage	24VAC +/-10% or POE+ (Indoor models)
Power Consumption	14W (indoor) / 52W (outdoor)
Environment	
Indoor Operating Temperature	32° F to 122° F (0° C to 50° C)
Outdoor Operating Temperature	Peak Operating Temperature: 60C Continuous Operating Temperature: 50C Minimum Operating Temperature -40° C/F
Storage Temperature	-4° to 158° F (-20° to 70° C)
Fan and auto heater	Fan and Heater (outdoor version only)
Humidity	0 - 95% (non-condensing)
Ratings	IP66, NEMA 4 - Outdoor Version

Accessories - See Price Guide for Complete List

CX-SMOKE-0	Smoked Bubble	CX-ARMX-0	Short Wall Bracket
CP-RCSD-1	Recessed Kit	CX-ARMX-1	Long Wall Bracket
CX-CRNR-0	Exterior Corner Kit	CX-SWAN-0	Swan/Roof Mount
CX-PIPE-0	10" Drop Pipe Extension	CX-POLE-0	Pole Bracket

Camera Ordering Information

Example CP2101-231N	Series			Resolution inm MP	Intelligence Package	Zoom	Indoor/Outdoor	NTSC/PAL	
CP	-	1	1	0	1	-	12	0/1	N/P
Pan, Tilt, Zoom camera	-	1 = Pro-Classic	1	0 = VGA	1 = Intelligent Multi-Zone VMD	-	12 = 12X	0 = Indoor 1 = Outdoor	N = NTSC P = PAL

*DHCP Client not supported by Latitude NVMS or Solus VMS