



2 MP Pan/Tilt Camera with IR

CVP-B2PT50-IDI

SIMPLE SETUP USING
ClareVision+ App



The CVP-B2PT50-IDI is an affordable 2 MP Camera, ideal for indoor use. Pan & Tilt feature allows for a single camera to cover a much larger area. Powered via PoE or 12 V supply, this compact camera provides up to 2 megapixel (1920x1080) resolution, onboard IR illumination to 10 meters, and 120 dB WDR.

- Up to 2 megapixel (1920x1080) resolution
- PoE 802.3af
- Repositionable
- 10 m IR LEDs
- True Day/Night
- SD Card Support (up to 128 GB)
- ONVIF Compliant
- iOS and Android Support
- H.264+ for increased storage efficiency
- DHCP by default

Technical Specifications

Camera

Image Sensor	1/2.8" CMOS
Max. Image Resolution	1920x1080
Shutter Time	1/3s to 1/10,000s
Min. Illumination	0.01 Lux@F1.2, 0 Lux w/IR
IR Range	10 m
Lens	4 mm fixed
Lens Control	n/a
Pan/Tilt Range	Pan: ±90°, Tilt: 0 - 75°
Angle of View	90°
Day and Night	IR Cut Filter with Auto Switch

Video

Compression Format	H.264, MJPEG, H264+
Streams	Dual Stream, Configurable
Max. Frame Rate	60 Hz: (30 fps/1920x1080, 1280x960, 1280x720). (Sub Stream: 30 fps/352x240, 640x360) 50 Hz: (25 fps/1920x1080, 1280x960, 1280x720). (Sub Stream: 25 fps/352x288, 640x360)
Bit Rate	32 Kbps to 16 Mbps
Detection	Intrusion, Line Crossing, Motion, Dynamic Analysis
Digital noise reduction	3D DNR
Wide dynamic range	120 dB

Function

Communication Interface	1 RJ45 10 m / 100 m Ethernet Interface
Compatibility	CGI, ONVIF (Profile S, G), PSIA , ISAPI
Protocol	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
Alarm	n/a
Alarm Trigger	Tampering Alarm, HDD Full/Error, Network Disconnect, IP Address Conflict
Max. SD Memory	Micro SD up to 128 GB

Electrical

Power Source	12 VDC, PoE (802.3af)
Max. Power Consumption	5 W, (7 W with IR Cut Filter on, 9 W with Pan/Tilt Roatation)

Environmental

Operating Temperature	-14° to 104° F (-10° to 40° C)
Operating Humidity	95% or less, non-condensing

Mechanical

Dimensions	ø x 4.72 x 3.43" (ø x 119.93 x 87.08 mm)
Weight (Approx.)	1.1 lb (.50 kg)

By making home technology simple, Clare provides exclusive benefits to integrators, builders, and homeowners. We offer innovative home automation solutions, Class D amplifiers, media distribution, controllable lighting, and IP CCTV components. For more information, visit clarecontrols.com.