



2 MP Mini-Dome Camera

CVP-B2D50-ODI

SIMPLE SETUP USING
ClareVision+ App



The CVP-B2D50-ODI is an affordable mini-dome camera that is ideal for use in outdoor applications. Powered via PoE or 12 V supply, this compact camera provides up to 2 megapixel (1920x1080) resolution, onboard IR illumination to 30 meters, 120 dB WDR, and an IP67 sealed housing.

- Up to 2 megapixel (1920x1080) resolution
- PoE 802.3af
- Repositionable
- 30 m IR LEDs
- True Day/Night
- SD Card Support (up to 128 GB)
- IP67 Rated Housing
- 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	30 m
Lens	4 mm, fixed
Lens Control	n/a
Pan/Tilt Range	Pan: ±90°, Tilt: 0 - 75°
Day and Night	IR Cut Filter with Auto Switch

Video

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

Audio

Communication Interface	G.711 / G.722.1 / G.726 / MP2L2
Compatibility	64 Kbps (G.711) / 16 Kbps (G.722.1) / 16 Kbps (G.726) / 32-128 Kbps (MP2L2)

Function

Communication Interface	1 RJ45 10 m /100 m Ethernet Interface
Compatibility	CGI, ONVIF (Profile S, G), PSIA
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 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), 5 W Max
--------------	--------------------------------

Environmental

Operating Temperature	-22° to 140 °F (-30° to 60 °C)
Operating Humidity	95% or less, non-condensing

Mechanical

Housing	IP67
Dimensions	∅ x 4.4 x 3.2" (∅ x 111 x 82 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.