



# ClareVision Value and Performance Series Cameras User Manual

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**ClareVision Value and Performance Series Cameras**



## Value and Performance Series

ClareVision delivers a complete line of professionally installed and competitively priced surveillance products designed to meet the needs of dealers and end users. ClareVision consists of Value and Performance series of ETL listed, NDAA, and ONVIF compliant cameras and NVRs. The cameras and NVR's can be used as a standalone surveillance systems or integrated with a ClareOne Security and Smart Home system or with Control4.

## ClareVision Video Surveillance

ClareVision is a complete line of professionally installed and competitively priced surveillance products designed to meet the needs of dealers and end-users. It consists of Value and Performance series of ETL listed, NDAA, and ONVIF compliant cameras and NVRs.

## Value Series Product Line

The Value series ClareVision cameras are designed as a low-cost solution that can be used standalone with a microSD card or in larger, multi-camera projects with an NVR.

- Complete line of cameras and accessories
- Features standard motion detection capabilities
- Include on-board SD cards for storage
- Maximize dealer margins

## Performance Series Product Line

The Performance Series line offers a wide range of cameras and NVRs that range from 4MP to 8MP (4K) fixed and varifocal lens cameras, Color at Night cameras, and multi-channel NVRs to cover any project's needs.

- Feature powerful Sony® Starvis™ image sensors
- Advanced detection capabilities: human body, linecrossing, loitering, and people gathering
- Maximize dealer margins

## Accessories

### Standalone Surveillance



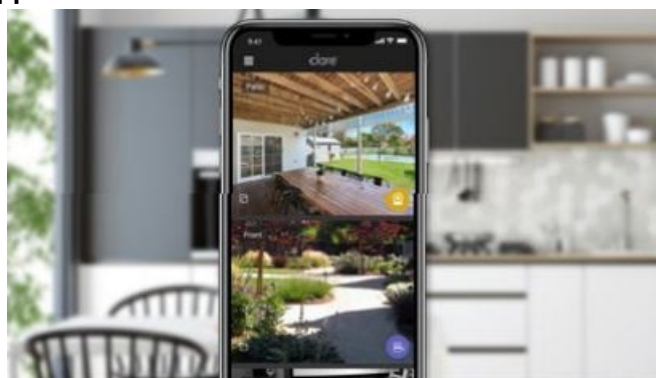
ClareVision cameras are perfect for simple, 30-minute standalone installations or large, multi-camera projects. Each camera or NVR can be used independently with only the ClareVision App.

### Integrated Surveillance



ClareVision cameras and NVRs can be used as part of larger smart home and security systems such as ClareOne or Control4 and can be used with LUMA, Hikvision, Legacy ClareVision, and other ONVIF compliant cameras.

### Easy-to-Use ClareVision App



ClareVision camera live video, event playback, activity notifications, and basic settings can be easily accessed from the ClareVision App available on Android and iOS.

### At the Edge Surveillance



ClareVision delivers edge-based features, with Value Series cameras that include built-in SD cards, digital WDR, and motion detection.

### **NDAA Compliant**



All ClareVision Cameras and NVRs are manufactured with chipsets that are in full compliance with the NDAA (National Defense Authorization Act) Defense Law.

### **Clare Video Plus Doorbell**



The Clare Video Doorbell V3 CLR-CVP-B3DB-50-ODIW is a video doorbell that can be used as part of a larger smart home and security system. It features two-way audio communication and motion detection with notification through the ClareVision App.

- 3MP Starlight sensor, PIR motion, 2-way voice.
- Supports existing wiring, 2.4 and 5 GHz Wi-Fi.
- Includes 16GB Micro SD card for video storage.

### **ClareVision Value Series Cameras**

- 2MP Bullet, 3.6mm, 16GB CLR-V100-2B36(W/B)
- 4MP Bullet, 3.6mm, 32GB CLR-V100-4B36(W/B)



- Bullet form factor with 2MP or 4MP configuration.
- 2MP includes 16GB, 4MP includes 32GB SD card.
- IP67 rating, and IR night vision up to 25 meters
- 2MP Turret, 3.6mm, 16GB CLR-V100-2T36(W/B)
- 4MP Turret, 3.6mm, 32GB CLR-V100-4T36(W/B)



- Bulletform factor with 2MP or 4MP configuration.
- 2MP includes 16GB, 4MP includes 32GB SD card.
- IP67 rating, and IR night vision up to 25 meters

#### **ClareVision Performance Series Cameras**

- 4MP Dome, Starvis™, 2.8mm, 32GB CLR-V200-4D28(W/B)
- 8MP Dome, Starvis™, 2.8mm, WDR CLR-V200-8D28(W/B)



- Dome form factor with 4MP or 8MP configuration.
- 4MP Dome includes 32GB micro SDcard.
- Features Sony® Starvis™ image sensor with True WDR image correction and IR night vision up to 30 meters
- 4MP Bullet, Starvis™, 2.8mm, 32GB CLR-V200-4B28(W/B)
- 8MP Bullet, Starvis™, 2.8mm, WDR CLR-V200-8B28(W/B)



- Bullet form factor with 4MP or 8MP configuration.

- 4MP Bullet includes 32GB micro SDcard.
- Includes built-in microphones.
- Supports IR night vision up to 25 meters.
- 4MP Turret, Starvis™, 2.8mm, 32GB CLR-V200-4T28(W/B)
- 8MP Turret, Starvis™, 2.8mm, WDR CLR-V200-8T28(W/B)



- Turret form factor with 4MP or 8MP configuration.
- 4MP Turret includes 32GB micro SDcard.
- Includes built-in microphones.
- Supports IR night vision up to 25 meters.

These cameras feature image correction and IR night vision up to 30 meters. They also come in motorized varifocal options:

- 4MP Dome, Starvis™, Motorized Varifocal  
CLR-V200-4DVF(W/B)
- 8MP Dome, Starvis™, Motorized Varifocal  
CLR-V200-8DVF(W/B)



- Dome form factor with 4MP or 8MP configuration.
- Features 2.7-13.5mm motorized varifocal lens.
- Supports micro SDcard up to 512GB.
- Supports Smart Events and True WDR
- 4MP Bullet, Starvis™, Motorized Varifocal  
CLR-V200-4BVF(W/B)
- 8MP Bullet, Starvis™, Motorized Varifocal  
CLR-V200-8BVF(W/B)



- Bullet form factor with 4MP or 8MP configuration.
- Features 2.7-13.5mm motorized varifocal lens.
- Supports micro SDcard up to 512GB.
- Supports Smart Events and True WDR.
- 4MP Turret, Starvis™, Motorized Varifocal  
CLR-V200-4TVF(W/B)
- 8MP Turret, Starvis™, Motorized Varifocal  
CLR-V200-8TVF(W/B)



- Bullet form factor with 4MP or 8MP configuration.
- Features 2.7-13.5mm motorized varifocal lens.
- Supports micro SDcard up to 512GB.
- Supports Smart Events and True WDR.

### **ClareVision Performance Series Color at Night Cameras**

- 4MP Turret, CN, 2.8mm, 32GB CLR-V300-4T28CN(W/B)
- 8MP Turret, CN, 2.8mm, WDR CLR-V300-8T28CN(W/B)



- Color at night viewing with warm white LED light.
- Turret form factor with 4MP or 8MP configuration.
- Includes built-in microphones.
- 4MP Turret includes 32GB micro SDcard.
- 4MP Bullet, CN, 2.8mm, 32GB CLR-V300-4B28CN(W/B)



- 8MP Bullet, CN, 2.8mm, WDR CLR-V300-8B28CN(W/B)



- Color at night viewing with warm white LED light.
- Bullet form factor with 4MP or 8MP configuration.
- Includes built-in microphones.
- 4MP Bullet includes 32GB micro SDcard.
- 8MP Turret, CN, Motorized Varifocal CLR-V300-8TVFCN(W/B)
- 8MP Bullet, CN, Motorized Varifocal CLR-V300-8BVFCN(W/B)



- Supports Color at night capabilities.
- Features 2.7-13.5mm motorized varifocal lens.
- Support Smart Events and micro SDup to 512GB.

### ClareVision Wi-Fi Cameras and NVRs

- 4MP Wi-Fi Turret, 3.6mm, 32GB CLR-V100-4T36WF-W
- 4MP Wi-Fi Bullet, 3.6mm, 32GB CLR-V100-4B36WF-W



- Support 2.4 GHz Wi-Fi connectivity.
- 4MP (2560 x 1440p) resolution at 30 FPS.
- Includes 32GB micro SDcard and IR range up to 25M.
- 4K, 4 Channel NVR, POE, 1TB HDD CLR-V200-4PNVR1
- 4K, 8 Channel NVR, POE, 2TB HDD CLR-V200-8PNVR2





- Supports up to 4K video resolution.
- 4 Channel: supports 9 cameras, 1TB HDD, 4 POE Ports
- 8 Channel: supports 16 cameras, 2TB HDD, 8 POE Ports
- 4K, 16 Channel NVR, POE, 4TB HDD CLR-V200-16PNVR4



- Supports up to 4K video resolution.
- Supports up to 32 cameras (16 physical, 16 network).
- Includes 16 physical POE ports.
- Features 4TB HDD.

## ClareVision Accessories

- 32, 64, 128 GB Micro SD Card CLR-VACC-(32|64|128)GBSD
- Clare PoE Injector CC-POE-10



- High endurance Micro SD cards.
- SD cards available in 32, 64, and 128GB sizes.
- Power ClareVision cameras using PoE injector.
- Junction Box -Fixed Lens Bullet CLR-VACC-JBOX1(W/B)
- Junction Box –Fixed Lens Turret and VF Dome CLR-VACC-JBOX2(W/B)
- Junction Box –Fixed Lens Dome CLR-VACC-JBOX3(W/B)



- Helps protect wires from weather elements, corrosion, and electrical shorts.
- Wall Bracket -Fixed Lens DomeCLR-VACC-WBKT1(W/B)
- Wall Bracket -Fixed Lens TurretCLR-VACC-WBKT2(W/B)
- Wall Bracket –VF Dome & TurretCLR-VACC-WBKT3(W/B)



- Wall mount bracket helps protect wires from elements. Available in white and black color options.

## Product Usage Instructions

To use ClareVision cameras or NVRs as standalone surveillance systems:

1. Install the camera or NVR using the provided instructions.
2. Insert a microSD card into the camera, if applicable.
3. Download and install the ClareVision App on your Android or iOS device.
4. Follow the in-app instructions to connect the camera or NVR to your Wi-Fi network.
5. You can now access live video, event playback, activity notifications, and basic settings from the ClareVision App.

To use ClareVision cameras or NVRs as part of a larger smart home and security system:

1. Install the camera or NVR using the provided instructions.
2. Connect the camera or NVR to your existing ClareOne or Control4 system.
3. You can now access live video, event playback, activity notifications, and basic settings through your existing smart home and security system interface.

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Main: 941.328.3991 | [www.clarecontrols.com](http://www.clarecontrols.com) | Doc ID: 2021-12-2115-03

## Documents / Resources



[ClareVision Value and Performance Series Cameras](#) [pdf] User Manual  
Value and Performance Series Cameras, Value, and Performance Series Cameras, Performan  
ce Series Cameras, Cameras

## References

-  [Clare Smart Home and Security](#)

Manuals+.