



### Key Features

- 700TVL 1/3" Super HAD CCD sensor
- Precision engineered IR corrected 2.8mm-10mm Lens
- IP 66 sealed; no water or dust ingress
- Rugged vandal-proof dome enclosure
- Integrated 35 IR LEDs for IR illumination (55 feet)
- Photocell for automatic day/night operation
- DNR, HLC, BLC, AWB, etc. via optional OSD
- 3-axis ball design for easy camera positioning
- Weather proof -25°C to +50°C
- Easy lens focus and adjustment with screwdriver
- Ceiling, wall, upright, and inverted mounting
- Plug-and-play installation in under 10 minutes
- Cost effective day/night camera

### Overview

#### High-Resolution 700TVL

The EB-700-2810 is powered by a high resolution 1/3" Super HAD CCD imager. This camera engine produces 700TVL resolution with accurate color reproduction. It has excellent sensitivity to both IR and visible light spectrums making it a true day/night camera offering superb color by day and clean, crisp monochrome images by night. This imager is also intelligent and adjusts to changing light conditions allowing it to be used in a range of applications. All of these features, in tandem with its optional image enhancements such as Sense-Up, HLC, and ATR, make it an industry leader in both features and performance.

#### On Screen Display (Optional)

OSD programming allows you to program virtually every aspect of the camera. It comes with features such as Highlight Compensation (HLC), Backlight Compensation (BLC), Sense-Up, Digital Noise Reduction, and Auto White Balance (AWB). HLC, one of our most popular features, recognizes bright light and reduces overexposure by suppressing and masking the sources (such as headlights and street lights).

#### Dynamic and Versatile

Ascendent's EB-700-2810 cameras are constructed of high impact aluminum and optically pure polycarbonate enclosures with a special tamper resistant design making them rugged, vandal-proof cameras. The EB-700-2810 can be installed vertically, upright, and horizontally to suit any application.

#### Intelligent IR

The EB-700-2810 has 35 infrared lights that are optimally spaced and angled to provide evenly distributed IR. The LEDs are controlled via a photocell for automatic day/night switching. The IR LEDs provide up to 55 feet of IR illumination for 24/7 day/night security.

#### Installer Friendly

The EB series has a unique 3-axis ball design which allows you to quickly and easily position the lens and camera. The camera is pre-programmed to operate under standard lighting conditions and has optional OSD allowing you to make further adjustments. All of these features allow you to install this camera in less than 10 minutes, saving both time and money.



# Rugged Eyeball Camera

EB-700-2810

## Optical Assembly

\* Specifications subject to change at any time

Image Sensor	1/3 " Super HAD CCD
Resolution	700TVL
Lens	2.8mm-10mm astrophical varifocal lens
Minimum Illumination (Sense-Up)	Color 0.32 Lux (0 Lux IR activated)
Signal to noise ratio	48dB+
Shutter Speed	Auto: 1/60 - 1/100,000 SEC
Video Out	700TVL

## Active IR Illumination

Day/Night Switching	Electronic Photocell Controlled (EPC)
Distance	55 feet
Wavelength	810nm (940nm Stealth optional)
IR LEDs	35 high output IR LEDs
Intelligent Illumination	Automatically adjusts IR for even illumination

## Physical

Construction	Extruded high strength aluminum
Viewing Window	Optically pure polycarbonate
Isolation Ring	Eliminates IR bleed and ghosting
Standard Color	Black
Dimensions	82.5mm (W) x 119mm (H)
Weight	1.4kg / 3.0lbs

## Installation

3 Axis Design	Easy adjustment of camera and lens
Hardware	Four security screws included

## Environmental

Operational Temperature	-25°C to +50°C
Environmental	IP 65 sealed

## Electrical

Input Voltage	12VDC
Power Consumption	400 mA

## Available Options

OSD	HCL, BLC, AWB, ACE, PIP, TBL, DNR 2, mirror, flip, privacy, brightness, freeze, sharpness, Sense-Up, day/night
Recording (X4S DVR)	Records video and allows IP connectivity
Video Analytics	Virtual fence, object classification, trip wire, abandoned object, etc