

COR-552W

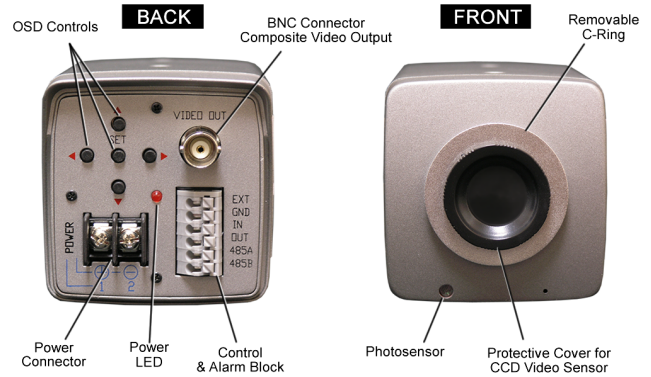
CS-MOUNT FULLSIZE CAMERA w/ TRUE WDR & SLOW SHUTTER

True Wide Dynamic Range Camera with Double Scan Technology & Digital Slow Shutter (DSS)

Beginning with a CS-mount design that lets you to select a specific lens for your environment, the COR-552W includes features that set it apart from other day/night cameras. Motion detect operations, digital slow shutter (Sens-up), backlight compensation (BLC), and true wide dynamic range (non-digital WDR) can be configured using the camera's on-screen display (OSD). You can also configure white balance in a number of different modes. Sens-up settings allow this camera to pickup up images in light levels as low as 0.0002 LUX. With the OSD you can enhance image sharpness and color, reduce video noise and set up privacy masks.



Aluminum Camera Housing
CS-Lens Mount
Protective Cover for CCD Video Sensor



BACK
OSD Controls
BNC Connector Composite Video Output
Power Connector
Power LED
Control & Alarm Block
EXT GND IN OUT 485A 485B
FRONT
Removable C-Ring
Photosensor
Protective Cover for CCD Video Sensor



COR-582AIV COR-660AIV COR-308AIV

Attach bare wire leads (12VDC) to the POWER connector terminal block (note polarity). Attach a monitor to perform setup operations, and then you can access the OSD menu by using the five menu control buttons on the back of the camera. The OSD appears as an overlay on the attached monitor. Navigate the menu structure with the left/right and up/down buttons and use the center button (SET) to select an option.

General Specifications

Video Sensor: 1/3" Sony Super HAD II Vertical Double Interline CCD
High Resolution: 560 lines (600 eTV lines)
Effective Pixels: 410k NTSC / 470k PAL
Sync. System: internal sync.
Video Output: composite 1Vp-p, 75 ohm impedance
Signal-to-Noise Ratio: >50dB
Minimum Illumination Selectable: 0.2 LUX / 0.0002 LUX
Auto-Gain Control (AGC) Selectable: OFF / LOW / MIDDLE / HIGH
Day/Night Selectable: True Day & Night AUTO / DAY / NIGHT / EXT. D & N
White Balance Selectable: ATW / AWC / MANUAL 1700°K - 11000°K
Backlight Compensation Selectable: BLC / WDR / HSBLCL
3D DNR Selectable: OFF / LOW / MIDDLE / HIGH
Digital Effect Selectable: OFF / V-FLIP / MIRROR / ROTATE
Privacy Masking: 8 zones
Digital Zoom: x8
Sharpness: adjustable
Lens Type: CS-mount, auto-iris compatible (lens not included)
Digital Slow Shutter: programmable Sens-Up settings
Electronic Shutter: 1/60 - 1/100,00 sec (NTSC)
Power: 12VDC ± 20%
Power Consumption: 140mA ±10mA (nominal)
Operating Temperature: -10°C to 50°C
Storage Temperature: -20°C to 60°C

With auto-iris control built into the camera a wider range of lenses become available. Any of our lenses shown above are perfect matches for this camera, as well as others. Contact a sales representative for a full list of compatible auto-iris CS-mount lenses.



Auto-Iris Control Connector

The Sony double-scan HAD II video sensor creates higher quality images by using a non-digital True WDR sampling technique. The sensor scans an image several times, uses analog techniques to compare and analyze each pass, then performs color and brightness correction before outputting a video image. This provides better imaging when compared to cameras that use standard (digital) WDR techniques. It is especially useful when the situation requires you to take video of individuals in front of a background that contains a high degree of varying amounts of light and high/low contrast regions of color and shadow.

These sampling techniques pay off. The Sony video sensor and the chipset in this camera will produce clear, usable high resolution (typically ~600 lines) images where other cameras will only generate darkly tinted figures and images floating in haze and tinted video artifacts.

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