

# ICD-376

## HYPER DYNAMIC™ COLOR CAMERA

**HYPER  
HD  
DYNAMIC**

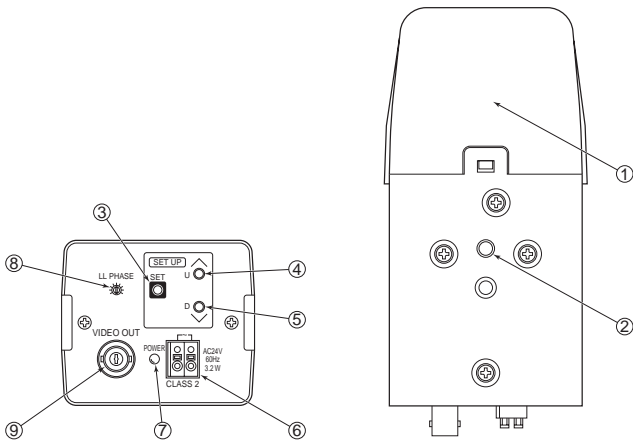


### Features

- **Hyper Dynamic™**  
Over 166-times dynamic range compensates for a scene where conventional BLC (Black Light Compensation) cannot compensate for saturation, low pedestal level, and large lighting differential.
- **Built-in Varifocal Auto Iris Lens (2.6~6mm)**  
This unit is an integral-type camera containing a value focal lens (standard field angle to double wide angle). You can remove the front cover and adjust the imaging range.
- **High Sensitivity**  
The camera delivers high sensitivity with minimum illumination of 0.04 lux/F1.2 with maximum x32 electrical sensitivity up Function.
- **24 VAC line lock**  
This unit operates on 24 VAC and employs a line lock synchro system, which allow you to obtain stable images when switching between two or more camera images for monitoring.
- **On Screen Set Up menu**  
The setting of the camera can be changed and stored by operating the push button switches located on the rear.

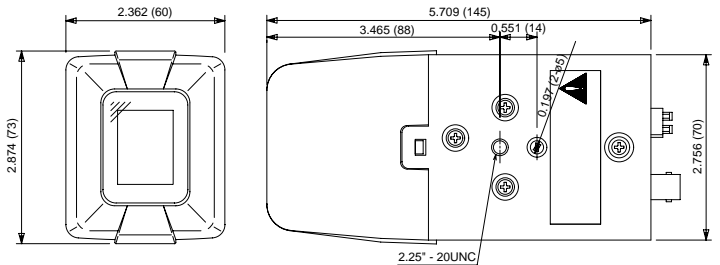
### Parts and Functions

- ① Lens cover
- ② Holder mounting screw hole
- ③ ~ ⑤ Camera setup function switches
- ⑥ Terminal block for 24 VAC input
- ⑦ Power indicator
- ⑧ LL phase control (LL PHASE)
- ⑨ Video output connector (VIDEO OUT)



### Specifications

- Imaging Device:** 1/4" Progressive IT-CCD  
Color filter: Color-difference line sequential system
- Scanning System:** NTSC system compliant
- Sync System:** Int/Line-Lock (phase adjustable)
- Video Output:** VBS 1.0 Vp-p/75W
- Horizontal Resolution:** 470 lines
- S/N ratio:** 48dB (Luminance signal, Rated luminance, Detail OFF, Weight ON)
- Minimum illumination:** 2.5 lux/F1.2 (Wide End)  
0.04 lux/F1.2 (Sensitivity magnification 32 times, Wide End, AGC High)
- AGC:** ON (LOW, NORM, HIGH)/OFF switching
- High-Speed Shutter:** 1/60, 1/100, 1/250, 1/500, 1/1,000, 1/2,000, 1/4,000, 1/10,000, 1/30,000
- Sensitivity**
- Magnification:** Automatic (up to 32 times)
  - Flicker-Free:** Automatic
  - White Balance:** AUTO/MANUAL selection and adjustment
  - Wide D Function:** ON/OFF switching (dynamic range 54dB)
  - Iris Level:** Adjustable
- CAMERA ID:** Up to 8 characters (alphabet, katakana, and symbol), 6 positions settable
- Built-In Lens:** Focal distance: F2.4 to 6.0 mm (manual variable focal)  
Iris control: Auto iris  
Focusing range: ∞ to 0.4m
- Shoot Field Angle:**
- | Variable focal position | Full wide angle | Full telescopic angle |
|-------------------------|-----------------|-----------------------|
| Horizontal field angle  | 73.7°           | 33.4°                 |
| Vertical field angle    | 58.7°           | 25.4°                 |
- Power Supply:** 24VAC ± 10%, 60Hz
- Power Consumption:** 3.2W approx.
- Ambient Temperature:** -10 to +50°C (14 to 122°F)
- Camera Mount:** 1/4-20UNC (top and bottom mounting)
- External Dimensions:** 2.87" x 2.36" x 5.71"  
(73 x 60 x 145 mm)  
(excluding protrusions and accessories)



- Weight:** Approx. 400g (0.89 lbs)
- I/O Connector:**
- VIDEO OUT: BNC
  - 24VAC INPUT: 2-pin push-in terminal
- Instruction manual: 1 copy

### Accessory: