STC-SS1200

The STC-1200 Series is a collection of products to fit a wide variety of applications. The STC-1200 Series comes in 1/3" CCD format in a very compact, remote head, shaped camera housing. With selectable shutter speeds from 1/60 to 1/20,000 of a second, the STC-1200 Series cameras can capture scenes and virtually any speed crisply and clearly.

Features

- **1/3" Monochrome IT CCD**
- **Remote Head Configuration**
- **Compact**
- **VGA**
- **Analog**
- **90fps**

STC-SS1200
Image shown not actual size

Specifications >>

Image Sensor:	1/3" Moncohrome IT CCD
Signal Format:	Progressive
Effective Picture Element:	659 (H) x 494 (V)
Active Picture Element:	648 (H) x 494 (V)
Chip Size:	5.79 (H) x 4.89 (V) mm
Cell Size:	7.4 (H) x 7.4 (V) µm
Horizontal Drive Frequency:	24.5454MHz (60fps), 36.8181MHz (90fps)
Horizontal Frequency:	31.468 kHz (60fps), 47.202kHz (90fps)
Vertical Frequency:	59.94 Hz (60fps), 89.91Hz (90fps)
Minimum Illumination:	3 Lux @ F1.2 (60fps), 4.5 Lux @ F1.2 (90fps)
Sync System:	Internal and External (HD/VD) Automatically
Scanning System:	Progressive
Scanning Method:	Full Scan/ 1/2 Partial Scan, 1/4 Partial Scan, Bining
S/N Ratio:	52dB (Gain 0dB)
Gamma:	0.45/1
Gain:	AGC/Manual Gain
Electronic Shutter:	1/60 ~ 1/20,000 Second (8 Steps)
Trigger Shutter:	Pulse Width Trigger (V Reset, Non-Reset, Sync Reset, Restart-Reset) Edge Preset Trigger (V Reset, Non-Reset, Sync Reset, Restart-Reset)
Video Output:	VS 1Vp-p 75Ω
Lens Mount:	Special Mount (Male 10.5 Female P0.5)
Power Supply:	12V DC
Power Consumption:	> 220 mA
Operation Temperature:	-10˚C ~ 45˚C (23˚F ~ 113˚F)
Storage Temperature:	-30°C ~ 60°C (-22°F ~ 140°F)
Dimensions:	CCD Head - 20 (W) x 20 (H) x 25 (D)mm (.8" x .8" x 11.85") CCU: 110 (W) x 28 (H) x 80 (D) (4.4" x 1.12" x 3.2") Cable - 600mm (24")
Weight:	CCD Head: 80g (2.82 oz.) CCU: 150g (5.33 oz.)

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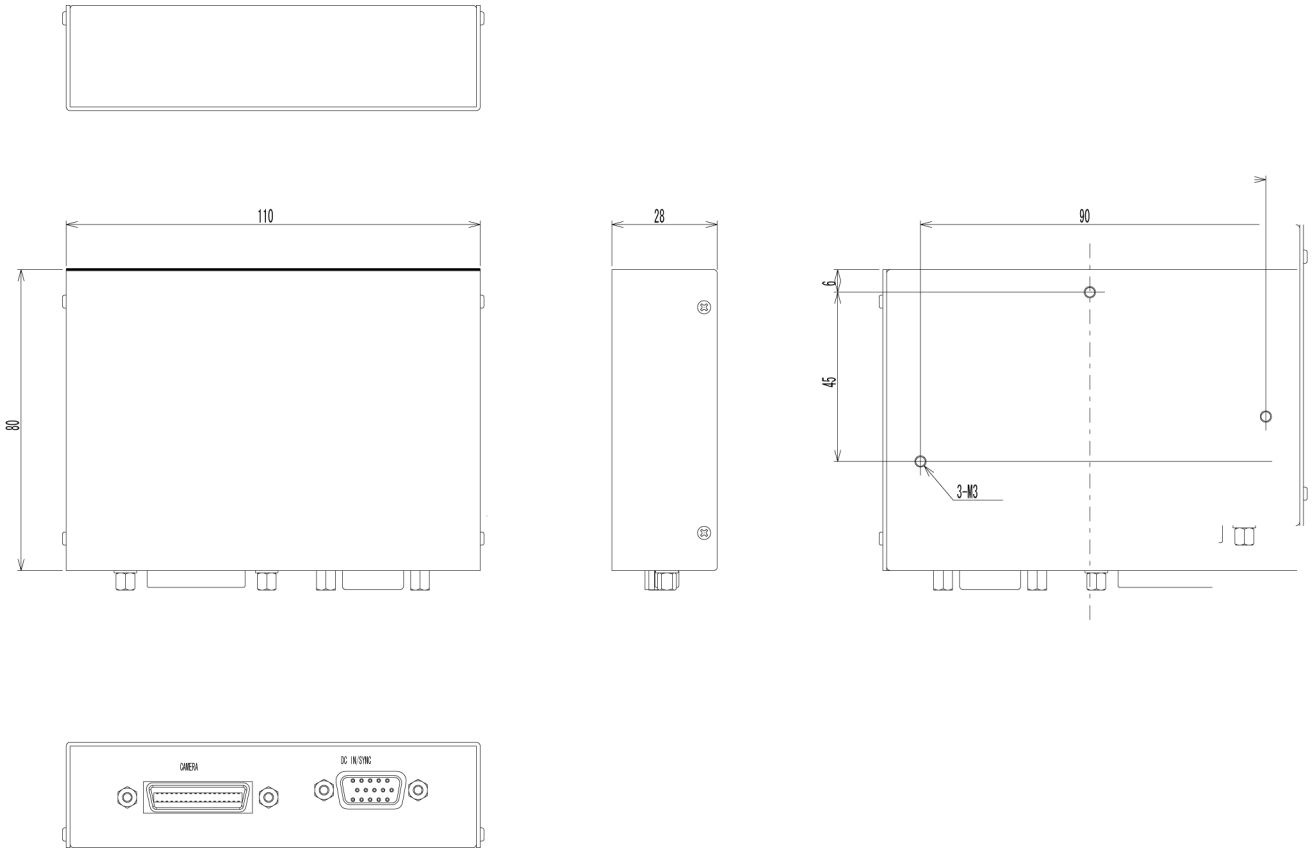
Mechanical Drawing



Note: *(Dimensions are given in mm)*

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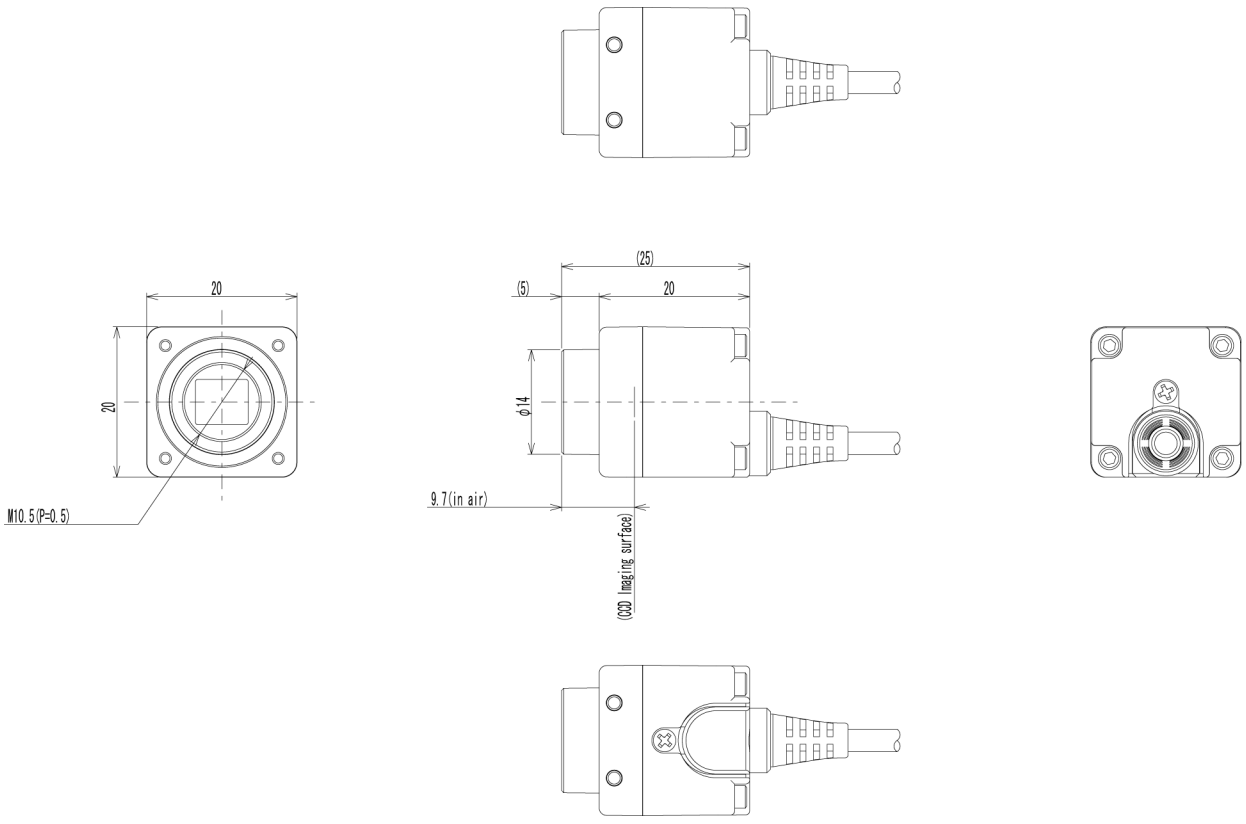
Head Configuration