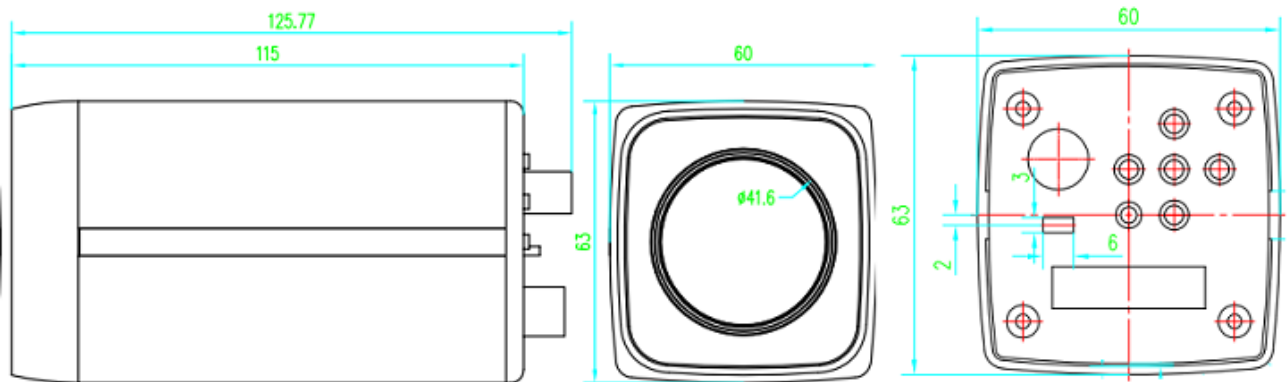


1080P60fps 20X Optical Zoom SDI Camer With Menu

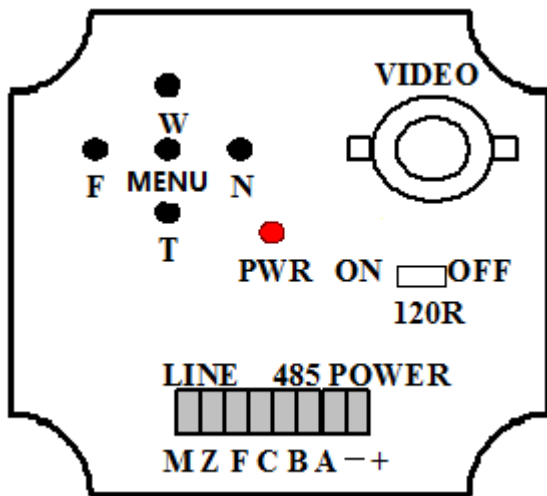


Specification

Model	SV-FTG20SH108-T4L
Camera	
Interface	RS485
Communication	Pelco.D/P
Sensor	Panasonic 34229 CMOS
Resolution	HD1080P:1920(H)X1080(V)
Day&Night	Color/B&W/Auto
Mini Illumination	0.01Lux(infra LED on)
Sync System	Inter-sync
Video output	SDI Output
SNR	≥48dB
Lens	
Lens Focal Length	20X:f=5.5mm~110mm
IR CUT	IR CUT
AUTO IRIS	F1.6~Close (MANU)
FOV	54.7°(W)~3.3°(T)
Function	
OSD	Support
Lens Initialisation	Auto
Exposure Mode	Auto/Manual/Shutter pri
AWB	Auto/Manual
Focus Mode	Auto/Manual
Picture Effects	Auto/Color/B&W/
Backlight Compensator	--
Contrast	Adjust

Saturation	Adjust
Mirror Image	Support(LR+UD)
D-Zoom	--
Freeze	--
Rollovers	Support
WDR	D-WDR
DNR	2D/3D
Specification	
Size	60(W)* 63(H)* 115(L) mm
Working Temp./Hygro.	-10°C~50°C, 10%RH~60%RH
Storage Temp./Hygro.	-20°C~60°C, 10%RH~80%RH
Power Voltage	DC 12V±10%
Power consumption	3W MAX.

BOARD INTERFACE



INTERFACE explain

Interface	Name	Function
Menu	M	Open/Switch Menu
	W	ZOOM in/Move cursor upward in Menu
	T	ZOOM out / Move cursor downward in Menu
	F	Focus far/Modify setup in menu
	N	Focus near/ Modify setup in menu
PWR LED	PWR	Light on means PWR ON, Light off means PWR OFF
Video output	VIDEO	SDI OUTPUT
485 120R Resistor match	ON	Resistor Connect
	OFF	Resistor does Not connect
485 Signal	A	RJ85A
	B	RJ85B
POWER	+	Connect 12V positive
	-	Connect 12V negative

MZFC LINE CONTROL	
MENU	M(12V) + C(GND)
ZOOM IN	Z(12V) + C(GND)
ZOOM OUT	Z(GND) + C(12V)
FOCUS	F(12V) + C(GND)
	F(GND) + C(12V)

INSTALL

1. Fixed the camera on the bracket;
2. Connect the VIDEO;
3. Connect DC12V power;
4. Adjust the camera aim at the target.

Protocol Adaptive: Universal PELCO-P / PELCO-D

Address: 0~255 Default address 1

Broadcast address: 250

Presets: 32 presets built into the movement (No. 1 to No. 32)

Call Preset	Function
210	menu
172	720P50
173	720P60
174	1080P25
175	1080P30
176	1080P50
177	1080P60
178	1080I50
179	1080I60
190	Automatic color to black
191	Forced black and white
192	Mandatory color
195	Restore factory settings
211+212+220	Restart

Menu

First level menu	Secondary level Menu	Tertiary level Menu	Fourth level menu	Five level menu	
Images	Exposure	Exposure Mode			
		Automatic	Anti-flash	On/Off	
				Mode	
				Frequency	
			Exposure time	Upper limit	
				Lower limit	
			Mode		
			Aperture		
			Step length		
			Tolerance bias		
			Exposure Compensation		
		System Gain			
		Manual	Aperture		
			Shutter		
	Analog Gain				
	Digital Gain				
	Shutter Priority	Shutter			
	White Balance	White balance mode			
		Automatic	Convergence speed		
			R-channel		

			calibration		
			B-channel calibration		
			Color temperature upper limit		
			Lower limit of color temperature		
		Manual	R channel gain		
			G channel gain		
			B channel gain		
	Image Enhancement	Noise reduction	2D noise reduction	Mode	
				Manual noise reduction	
			3D noise reduction	Mode	
				Texture Enhancement	
				Time domain filtering	
			Sharpness	Mode	
		Manual Sharpness			
		Gamma	Mode		
			Curve Type		
			User Gamma		
		Defogging	Mode		
			Automatic		
			Manual		
		Saturation	Mode		
			Manual Saturation		
		Color Preference	R channel gain		
			G channel gain		
			B channel gain		
		Output effect	Brightness		
			Color Tones		
			Saturation		
			Contrast Ratio		
		Dynamic range	Mode		
			Strength		
		Contrast enhancement	Mode		
			Dark gain		
			Off-light gain		
	Contrast Gain				
	Color & B&W	Mode			
		Color to Black Threshold			
Black to Color Threshold					
Resolution & Frame Rate					
Mirroring					
Display	Language				
	Zoom Display				
	Zoom position				

Lens	Display multiplier			
	Focus Mode			
	Focus Range			
	Variable save			
System	Baud rate			
	Address			
	Exit Options			

This menu uses a multi-level menu mode with the following parameter modification and adjustment instructions:

1. Select the mode, the option is marked with "*" in front, the mode can move the cursor to the corresponding option.
2. Edit mode with "+" mark in front of the option, this mode allows to adjust the option parameters.
3. When the option has no submenu, the right command will enter edit mode and the left command will exit edit mode or return to the upper menu.
4. When the option has a sub-menu, the right command will go to the sub-menu and the left command will return to the parent menu.
5. When selecting a mode, the up and down commands select to adjust the editing options.
6. In edit mode, the up and down commands edit the option parameters.

When the FOCUS mode in the menu is manual mode, there will be only one focus after the zoom is completed, and then no more focus.

Menu commands enter the menu when closed and close it when opened.

Close the menu operation function according to the menu Exit -> Options -> (Save / not save / factory default) to determine.

Open the menu at any time to send the open menu command again, will directly exit the menu, the operation function based on the menu exit -> options -> (save / not save / factory default) to determine.