

# SWC20

## Compact Solution



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The perfect solution for a variety of applications - the SWC20 sets a new standard for compact, attractive and reliable security.

#### **Versatile & Attractive:**

- Impact resistant polycarbonate enclosure can be painted to meet design specifications
- Fully weather sealed - with user selectable backlight compensation as standard - the SWC20 can be installed virtually anywhere

#### **Quick & Easy Installation:**

- Wall or ceiling mount
- Tamper resistant screws for added security
- Install in under 15 minutes

#### **Compact Size:**

- Measures only 3.25"x2.75"x3.0" (83mm x 70mm x 76mm)
- Compact & economical, the SWC20 has been installed in homes, office buildings, small businesses, schools, casinos, resorts and as mobile surveillance on school buses

#### **Choices:**

- Choose from black & white or color, high or regular resolution
- Optional sunhood available for high temperature installations
- Compatible with Silent Witness' Quick Change Lenses 2.9mm to 16.0mm

**SILENT  
WITNESS®**  
*Securing your world*

[www.silentwitness.com](http://www.silentwitness.com)  
Toll free: 1-888-289-2288  
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# SWC20 CAMERA SPECIFICATIONS

	B&W	B&W High Res	DSP Color*	DSP Color High Res*
EIA/NTSC (audio)	SWC21B (SWC21M)	SWC22B (SWC22M)	SWC23B (SWC23M)	SWC24B (SWC24M)
CCIR/PAL (audio)	SWC21B-CP (SWC21M-CP)	SWC22B-CP (SWC22M-CP)	SWC23B-CP (SWC23M-CP)	SWC24B-CP (SWC24M-CP)
Imager Format	1/3" CCD B/W		1/3" CCD Color	
Resolution	410 TV lines	570 TV lines	350 TV lines	480 TV lines
S/N Ratio	50dB	50dB	Better than 51dB	
Video Output	1Vp-p/75 ohms		1Vp-p/75 ohms	
Light Sensitivity	0.05 lux @ F1.4 0.10 lux @ F2.0	0.05 lux @ F1.4 0.10 lux @ F2.0	0.4 lux @ F1.2	0.5 lux @ F1.2
Electronic Iris	1/60-1/100,000 sec		1/60-1/100,000 sec	
Auto White Balance	N/A	N/A	AWB/ATW Indoor (300°K)	Outdoor (6500° K)
AGC	Auto	On/Off (4-26dB max) Switchable	On/Off (4-26dB max) Switchable	
BLC	On (central window) Off Switchable		On (central window) Off Switchable	
Input Voltage	10-15 VDC	10-15 VDC	10-15 VDC	10-15 VDC
Current Consumption	125mA @ 12VDC (1.5W)	150mA @ 12VDC (2.7W)	225mA @ 12VDC (2.7W)	250mA @ 12VDC (3.0W)
Surge Suppression	1.5kW transient		1.5kW transient	
Operating Temp	-13°F to 122°F (-25°C to 50°C)	-13°F to 122°F (-25°C to 50°C)	-13°F to 122°F (-25°C to 50°C)	-13°F to 122°F (-25°C to 50°C)
Optional Power Supply	PSI 4.1	PSI 4.1	PSI 4.1	PSI 4.1

## ENCLOSURE

Dimensions WxHxD	3.25"x2.75"x3.0" (83mm x 70mm x 76mm)
Weight (without brackets)	9oz (255g)
Powerhead	WMHC20-6 with 6' shielded cable (included)
Enclosure	Fiberglass reinforced polycarbonate
Window	Non-glare scratch-resistant Lexan®
Sunhood (optional)	16 gauge aluminum, powder coated; cuts solar heat gain
Warranty	3 years

**IP66 - Meets or exceeds**

## PATENTS:

Security bolt # 2,127,312 Canada / # 5,946,404 USA  
 Quick change lens mount # 2,181,190 Canada / # 09/386,506 USA

\* DSP stands for Digital Signal Processing. The color camera includes a digital signal processor that enhances image quality and light sensitivity.

## FIELD OF VIEW

	2.9mm	3.6mm	6.0mm	8.0mm	12mm	16mm
Horizontal	90°	74°	42°	32°	22°	15°
Vertical	67°	55°	32°	24°	17°	11°
Diagonal	-	-	-	-	-	-
Lens Code:	029	036	060	080	120	160

