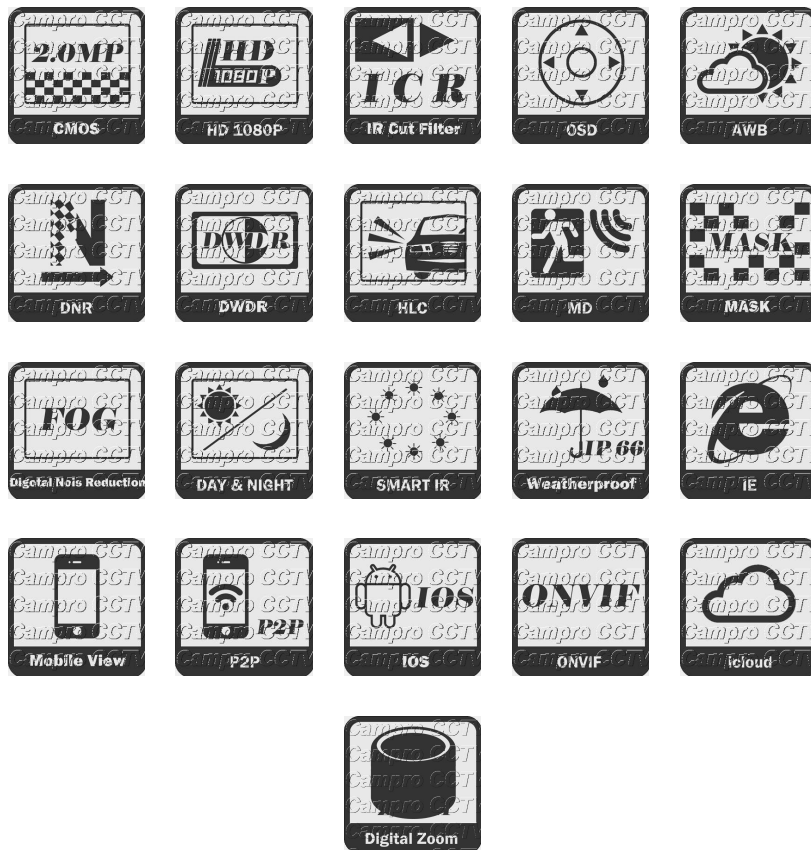


# Campro

## CB-20X-1820 / CB-20X-1820P

### 7" 20X 2.0MP HD-IP 180M IR High Speed PTZ



**CB-20X-1820**

**CB-20X-1820P**

**CCD Image Sensor**

1/2.7" Progressive Scan CMOS

**Effective Pixels**

2.0 Mega Pixel

**Focus Distance**

4.7±5%~84.6±5%mm

**Optical Zoom**

20X

**Aperture Value**

F1.6~F2.8

**View of Angle**

D: WIDE 68.5°±5%, TELE 4.2°±5%

H: WIDE 54.8°±5%, TELE 3.4°±5%

V: WIDE 41°±5%, TELE 2.5°±5%

**Resolution**

1280Hx720V / 1920Hx1080V

**Output Pixel**

1280Hx720V / 24fps, 1280Hx720V / 25fps, 1280Hx720V / 30fps,  
1280Hx720V / 50fps, 1280Hx720V / 60fps, 1920Hx1080V / 24fps,  
1920Hx1080V / 25fps, 1920Hx1080V / 30fps

**Minimum Illumination**

0.5Lux (F1.6, 50 IRE, ICR off), 0.095Lux (F1.6, 50 IRE, ICR on)

**AGC Control**

Manual / Auto

**Signal to Noise Ratio**

50 dB or More

**White Balance**

Auto / Manual

**Camera Module Control Interface**

SONY VISCA(Signal level 3.3V), Baud Rate: 9.6 Kb/s, 19.2 Kb/s, 38.4 Kb/s, Stop Bit: 1

	HITACHI COMMAND (Signal level 3.3V), Baud Rate: 4.8Kb/s, 9.6 Kb/s, 19.2 Kb/s, 38.4 Kb/s, 57.6Kb/s Stop Bit: 1	
<b>IR-Cut</b>	Manual / Auto	
<b>Wiper</b>	X	Yes
<b>PTZ</b>		
<b>Communication Protocol</b>	TCP / IP, HTTP, FTP, RTSP, UPnP, DNS, NTP, RTP, UDP, IGMP	
<b>Storage (Optional)</b>	One SD / SDHC card	
<b>Software Control</b>	IE, CMS, Management Platform	
<b>Mobile View (Optional)</b>	Support Windows, Symbian, iPhone Platform Smartphone	
<b>Horizontal Rotation Speed</b>	300°/s	
<b>Horizontal Rotation Range</b>	360°	
<b>Tilt Rotation Speed</b>	160°/s	
<b>Tilt Rotation Range</b>	93°	
<b>Auto Flip</b>	Horizontal 180°, Vertical 180°	
<b>Auto Control IR LED</b>	PWM	
<b>A-B Scan</b>	User Programmable	
<b>A-B Scan Speed</b>	0-64 Levels setting available	
<b>Dwell Preset</b>	2-60s Interval	
<b>Present Point</b>	220	
<b>Go to Preset Speed</b>	01-64 Levels available	
<b>Guard Tours</b>	4 Groups	
<b>Guard Points</b>	Max. 16 Points, Dwell Time user selectable	
<b>PWR on Action</b>	Memory / Pattern 1 / Tour 1 / 360° Scan / A-B Scan / Preset 1-8 / None	
<b>Park Time</b>	0-60 Minutes	
<b>Pattern Scan</b>	4pcs	
<b>Pattern Scan Record</b>	Max.15 Minutes, Max.512 Commands	
<b>3D Location</b>	Support (HD-SDI)	
<b>Time Scheduling Function</b>	8 Tasks	
<b>Privacy Mask</b>	Support	
<b>IR Illumination Distance</b>	180M	
<b>IR LED</b>	10pcs, 42Mil	
<b>Communication</b>	RS485	
<b>Baud Rate</b>	1200 / 2400 / 4800 / 9600bps	
<b>Operating Temp.</b>	-40°~ +60°	
<b>Operating Humidity</b>	≤95% Non Condensing	
<b>Heater &amp; Blower</b>	Auto Temperature Control	
<b>Power</b>	AC/DC15-28V ≤2A	
<b>Power Consumption</b>	≤ 25W	
<b>Lighting Protection</b>	Transient Voltage 6000V	
<b>Related Validation</b>	IP66	
<b>Certification</b>	CE / FCC / RoHS	

*Campro*

---