

# MDW-MP2020S

## 2 MEGA PIXEL IP PTZ CAMERA



### - FEATURES -

- 1/3" 2 Mega pixel CMOS Image Sensor
- x20 Optical Zoom / x12 Digital Zoom
- Excellent Low Light Sensitivity of 1.7Lux (Color), 0.0005Lux (B/W)
- True Day & Night (IR Cut Filter)
- 360° Endless Pan Rotation
- Lightning Speed (Max. 360°/sec) & Smooth Manual Speed (Min. 0.05°/sec)
- Dual Streaming (H.264/H.264, H.264/MJPEG)
- 1CH H.264 Main Stream / MJPEG Secondary Stream
- Resolution : 1920x1080/30fps ~ 352x240/30fps, 18 Resolution Steps
- Various Network Protocols
- 1x BNC (Composite Monitor Output) / HD-SDI
- Audio Input : Microphone Input
- Audio Output : Speaker Output
- Ethernet : 10/100 Base-T
- RS-485 Communication
- Full Technical Support with SDK & API
- TCP/IP, UDP, Multicast, DHCP, SMTP, HTTP, SNMP, RTP, RTSP
- True CMS / Web Viewer :  
Live Monitoring, Recording, Search & Playback, Backup
- WDR : Wide Dynamic Range

### - BRACKET -



Wall Mount Bracket



Ceiling Mount Bracket

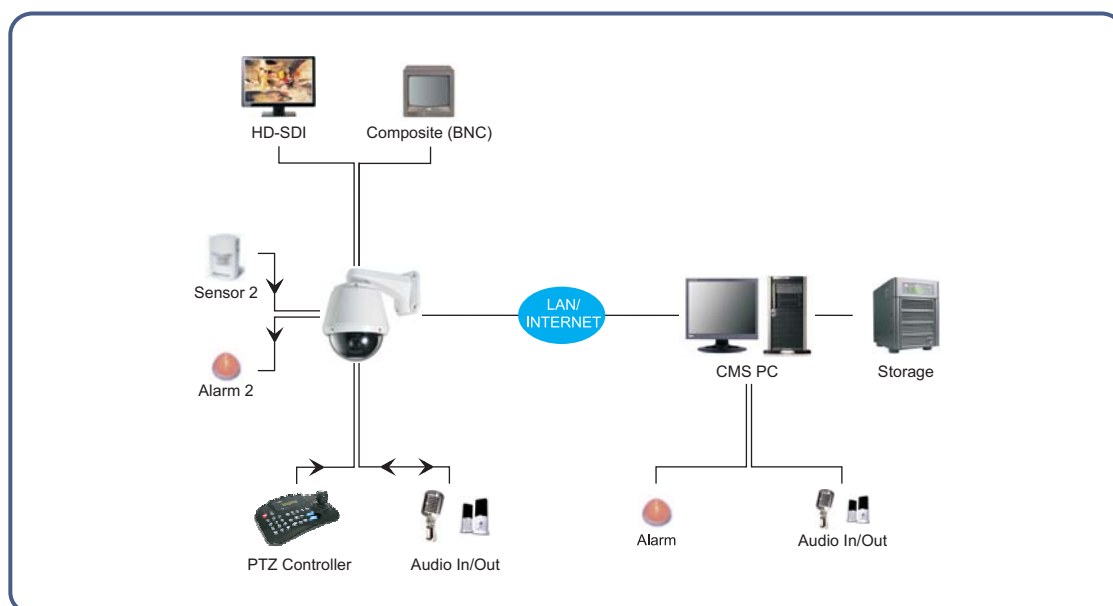


Corner Mount Adaptor (MBR-301WC)

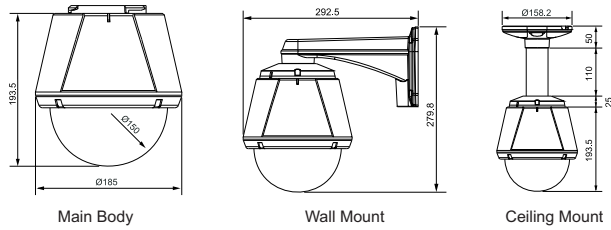


Pole Mount Adaptor (MBR-301CP)

### - CONFIGURATION -



- DIMENSION -



- REMOTE CONTROLLER -



**WTX-1200A (PTZ Controller)**  
: Preset, Group, Tour, Swing, Pattern, Monitor setting, Menu, Speed control, Display, Interface convert.

- SPECIFICATIONS -

MDW-MP2020S		
<b>CAMERA</b>	Image Sensor	1/3" 2 Mega pixel CMOS Image Sensor
	Lens	F1.6(Wide) ~ F3.5(Tele), f=4.7mm ~ 94mm x20 Optical Zoom and x12 Digital Zoom
	Focus Position	∞ ~ 1cm
	Angle of View	Horizontal : 55.4(Wide) ~ 2.9(Tele)
	AE Mode	Auto, Manual, Bright, Shutter Priority, Iris Priority
	Iris Control	Auto / Manual (F1.6 ~ F14, Close)
	Gain Control	Auto / Manual (-3 ~ 28dB)
	Shutter Control	Auto / Manual (1/1 ~ 1/10,000 sec)
	White Balance	Auto / Manual (Red, Blue Gain Adjustable)
	Day & Night	ICR Type, Auto / Day / Night
	Min. Illuminance	1.7 Lux (Color) / 0.0005Lux (B/W)
	BLC	On / Off
	WDR	On / Off
	Privacy	8 Masks
Etc	Image Flip, Noise Reduction	
<b>PAN / TILT</b>	Range	Pan : 360°(Endless) / Tilt : 90°
	Pan / Tilt Speed	Preset : 360°/sec
		Manual : 0.05° ~ 360°/sec (Zoom Proportional)
		Swing : 1.4° ~ 180°/sec
	Preset	128 Presets
	Pattern	4 Patterns (Approx. 5 Minutes for Each Pattern)
	Swing	8 Swings
	Group	8 Groups (Max. 20 Entries for Each Group)
Other Functions	Auto Flip, Power-up Action & etc	
<b>VIDEO</b>	Standards	Main Stream : H.264, Secondary Stream : H.264/MJPEG
	Output	1 x BNC (Composite or HD-SDI)
	Resolution	1920x1080/30fps ~ 352x240/30fps, 18 Resolution Steps
	Frame Rate Range	1 ~ 30fps
<b>AUDIO</b>	Bitrate	32Kbps ~ 8Mbps
	Algorithm	G.711/AAC
	Input	1 x Line-In (Mini-stereo, Single Mono)
	Output	1 x Line-Out (Mini-stereo, Single Mono)
	Bitrate	G.711 : 64Kbps, AAC : 64Kbps, 128Kbps, 196Kbps
<b>SERIAL PORT</b>	Port	RS-485 for PTZ control
	Protocol	Pelco-D, Pelco-P
<b>SENSOR / ALARM</b>	Sensor Input	2 Photo-Coupler Inputs
	Alarm Output	2 Relay Output (Normal Open)
	Reset Button	Factory Reset Button
<b>NETWORK</b>	Network Interface	Ethernet 10/100Base-T (RJ-45)
	Network Protocol	TCP/IP, UDP, Multicast, DHCP, SMTP, HTTP, SNMP, RTP, RTSP
<b>SOFTWARE</b>	True CMS / Web Viewer	Live Monitoring, Recording, Search & Playback, Backup
<b>PHYSICAL</b>	Mount Bracket	Wall Mount or Ceiling Mount
	Dimension	Dome : Ø150mm / Ø5.9"
		Housing : 185(Ø) x 193.5(H)mm / 7.3"(Ø) x 7.6"(H)
	Weight	Approx. 3.8Kg / 8.4Lbs (Wall) / 3.2Kg / 7.0Lbs (Ceiling)
	Material	Dome : Poly Carbonate / Housing : Aluminum
	Power Source	DC 12V / 3A
	Power Consumption	Max. 36W
	Waterproof	IP 67
	Fan	Always On
	Heater	Operation starting from Internal temperature 10°
	Operating Temp.	-30°C ~ 60°C / -34°F ~ 140°F

\* The above specifications can be changed without any prior notification.