

## 2MEGAPIXEL x20 ZOOM HD NETWORK PTZ SPEED DOME CAMERA

# WIHO-UE20D WIHI-UE20D

### ACCESSORY (Option)



### → KEY FEATURES

#### CAMERA

- 1/3" 2Megapixel PANASONIC CMOS Sensor
- x240 Zoom Control (Optical x20 / Digital x12)
- Min. Illuminance (Color : 0.5Lux / BW : 0.001Lux)
- True Day & Night with IR Cut Filter
- WDR / Defog / Noise Reduction
- 8 Privacy Masks with Spherical Coordinates
- Super Speed(500°/sec.) with 360° Endless Pan Rotation
- The Shortest Path with Vector Drive Technology
- Micro Control(0.05°/sec.) with Micro Stepping Control Technology
- 209 Presets / 10 Swings / 4 Patterns / 8 Groups
- 8 Scheduler Functions with RTC (Real Time Clock)
- 1 CVBS Output
- RS-485 with Pelco-D Protocol
- 1 Sensor Input / 1 Sensor Output
- Audio Input & Output
- Memory Slot
- Vandalproof
- IP67 Waterproof (WIHO-UE20D)
- Built-in Fan & Heater (WIHO-UE20D)
- DC 12V
- Optional High PoE(PoE+) 802.3aT

#### NETWORK

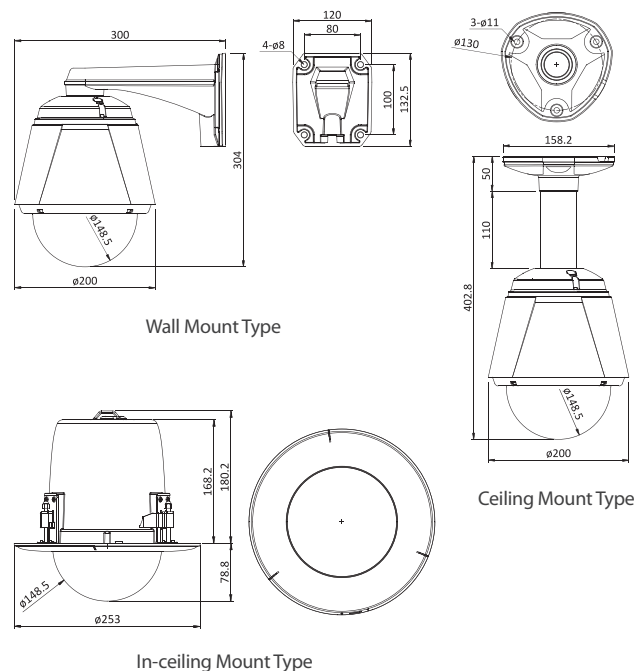
- High Image Quality with H.264
- H.264 & M-JPEG Dual Streaming
- Various Resolution Support
- Various Compression Level Support
- 30FPS@1920x1080
- 2 Way Live Audio
- Convenient Alarm Management
- Dynamic IP Support
- Various Network Protocol Support
- SDK Support
- ONVIF / PSIA Support

### → INSTALL TYPE



### → DIMENSIONS

Unit : mm



## → SPECIFICATIONS

		WIHO-UE20D	WIHI-UE20D
CAMERA	Image Sensor	1/3" PANASONIC CMOS Sensor	
	Resolution	2,000K Pixels	
	Zoom	Optical x20 / Digital x12	
	Video Signal to Noise	50dB	
	Focal Length	F1.6 ~ 3.5 / f=4.7 ~ 94.0mm	
	Angle of View	H : 55.4° (Wide) ~ 2.9° (Tele)	
	Min. Illuminance	0.5Lux (Color) / 0.001Lux (BW, DSS)	
	Day & Night	Auto / Day / Night (IR Cut Filter)	
	Focus	Auto / Manual / Semi Auto	
	AE Mode	Auto / Iris / Shutter / Manual / Brightness	
	White Balance	Auto / Manual (Red, Blue Gain Adjustable)	
	BLC	On / Off	
	WDR	On / Off	
	Defog	On / Off	
	Aperture	Adjustable	
	Noise Reduction	Yes	
	Privacy Zone	8 Masks with Spherical Coordinate	
	Pan / Tilt	Pan : 360° (Endless) / Tilt : 90°	
		Preset : 500°/sec.	
		Manual : 0.05° ~ 360°/sec. (Zoom Proportional)	
		Swing : 10° ~ 180°/sec.	
		209 Presets (Label, Independent Camera Parameter Setting)	
		4 Patterns [768 Commands (Approximate 5 Minutes) / 1 Pattern]	
		10 Swings	
		8 Groups (Max. 40 Actions with The Combination of Preset, Pattern and Swing)	
		8 Scheduler Functions with RTC (Real Time Clock)	
		Auto Flip, Auto Parking, Power-up Action and Others	
	Video Output	CVBS, 1Vp-p	
	RTC (Real Time Clock)	Yes (RTC Battery Backup Time : Approximate 2 Weeks)	
	Communication	RS-485	
	Protocol	Pelco-D	
	OSD	Yes (English) with Password Protection	
	Sensor Input	1 Input, Photo-Coupler Type	
	Alarm Output	1 Output, Relay Output, Max. Load DC 24V / 1.0A or AC 125V / 0.5A	
	Audio Input / Output	Mono, Line In/Out	
	Network Interface	Ethernet 10/100 Base-T (RJ-45)	
	Memory Slot	Micro SD	
	Mount Bracket	Wall Mount Bracket or Ceiling Mount Bracket	In-ceiling Mount
	Dimension	Dome : Ø148.5mm / Ø5.9" Wall Mount : 300(L) x 200(W) x 304(H)mm / 11.9(L) x 7.9(W) x 12.0(H)" Ceiling Mount : 200(Ø) x 402.8(H)mm / 7.9(Ø) x 15.9(H)"	Dome : Ø148.5mm / Ø5.9" 253(Ø) x 259(H)mm / 10.0(Ø) x 10.2(H)"
	Weight	Wall Mount : 3.4kg / 7.5lb Ceiling Mount : 3.6kg / 7.9lb	2.3kg / 5.1lb
	Material	Dome : Poly Carbonate / Housing : Aluminum	Dome : Poly Carbonate / Housing : ABS + Poly Carbonate
	Rated Power	DC 12V / 2.3A	DC 12V / 1.8A
	PoE (Option)	High PoE(PoE+) 802.3aT	High PoE(PoE+) 802.3aT
	Waterproof	IP67	-
	Fan	Always On	-
	Heater	Operation Start from Internal Temperature 10°C / 50°F	-
	Operating Temperature	-30°C ~ +50°C (-34°F ~ +122°F)	0°C ~ +40°C (32°F ~ +104°F)
IP	Video Compression	M-JPEG / H.264 Dual Streaming	
	Audio Compression	G.711 µ-law, G.726 4bits ADPCM	
	Resolution	Max. Full HD (1080p30), 1920x1080, 1280x720, 640x352, 320x176	
	Compression Level	6 Levels (Low Compression / Highest / High / Normal / Low / Lowest)	
	Live Casting	Up to 30 FPS @ 1920x1080 Resolution	
	Audio Support	2 Way Live Audio	
	Transmission Control	VBR, CBR (32Kbps ~ 12Mbps)	
	Alarm management	[Trigger] Video Loss / Video Recovered / Motion Detection / Sensor Input / Boot / Serial / Schedule and Others [Service] Image Buffering Service (8Mbytes Pre-Post Alarm Buffer), FTP/E-Mail Notification Service	
	Dynamic IP Support	Dedicated Dynamic IP Service using www.ipcctvdns.com	
	Security	Password Protection for Live, PTZ, Alarm Output and Audio	
	Software (IE)	Live-Cast and PTZ Control through Web Browser with Audio (Min. PC Requirement : Windows XP, 2000, Vista / IE6.x or Higher / Pentium IV 1.6GHz or Higher)	
	CMS	Support Free 16 Channels, Full Featured PC NVR (Min. PC Requirement : Windows XP, 2000 / Pentium IV 1.6GHz CPU or Higher / 256 Mbytes RAM or Higher / 64 Mbytes Video Memory or Higher)	
	Protocol	HTTP, TCP/UDP/IP, ARP, ICMP, RTP/RTSP, Multicast, Telnet, FTP, PPPoE, SMTP (E-Mail), DHCP, NTP, uPNP and Others ONVIF, PSIA Support	
	SDK	Open HTTP API, ActiveX for Live-Cast with Audio and PTZ	
	Installation & Maintenance	Configuration : Installation Wizard, HTTP, Telnet and Console Firmware Upgrade : HTTP, Telnet+FTP	
	Miscellaneous	Serial Input Data Transmission with Video, Different Time Zone Support, User-Wise Authentication Data and Time can be synchronized with an external NTP server, Live-Cast for up to 16 clients.	

\* Design and specification are subject to change without notice.