

# BLACK LIGHT Lumination Technology



## WatchNET

Integrated Digital Technologies



WPT-I-36 EXD



### Outdoor High Speed PTZ Camera with high intensity infrared luminator or optional search light

#### Features:

- ❖ 36X Double barrel IR lens Outdoor High Speed IP PTZ Camera
- ❖ Infrared night vision: >100meters / 328feet
- ❖ Premium die-cast aluminum casing, shock-proof, rust-proof, protection grade IP66, with wiper
- ❖ Built-in OSD menu, can set & call the presets, tour, scan, camera mode and display name through menu and change the parameter of the dome
- ❖ 128 presets with titles; preset based tour; speed & park time setting
- ❖ 8 programmable zones, 4 pattern & each record time is not less than 180s
- ❖ 4 scan, support scan between left & right limited at an appointed speed
- ❖ Park action function, can auto-call presets or start-up tour, pattern, scan and display areas after the dome is idle for a period of time
- ❖ Display function of Pan/tilt position and zoom in/out
- ❖ 7 alarm input, 2 alarm output, support alarm linkage
- Wide Dynamic Range: On/Off
- ❖ Privacy masking zone, when there is a private zone on the monitor, masking frame can be set to protect privacy, setting up to 24 masking frames with various dimension
- ❖ Built-in multi-protocol transform & fully compatible with protocols below: PELCO-D/P, MOLYNX, VIDEON, KALATEL, BOSCH(PHILIPS), SENSORNT, VIDOB02 and other mainstream protocols
- ❖ Built-in TVS4000V lightening/surge protection
- ❖ Easy installation & low maintenance
- ❖ H.264 Compression
- ❖ Lens : 36x optical zoom & 12x (432x with optical zoom)
- ❖ Built-in USB / SD Card Storage

All product specifications on this brochure are subject to change without notice.

#### Specifications:

Power supply	AC 24V ±4V
Power consumption	45W
Monitor method	Manual/Time start-up setting
Infrared light	Manual/auto (As the intensity of ray to auto-open)
Wiper	Manual
Night-vision distance	100m / 328feet
Rotation speed	Pan 0.4 ~ 90°/s, Tilt 0.4 ~ 60°/s
Preset speed	Pan160°/s, Tilt120°/s
Orientation accuracy	±0.05°
Rotation	Pan 360°continuously, tilt 180°, (+90°C,-90°/+194°F,-130°F) with auto-flip
Speed Proportion	As the length of focus, to auto-adjust the speed
Auto-flip	Tilt down 90°, with auto-flip 180°
Scan	355°programmable, 4 scan
Display zone	8 programmable zones with titles
Sync Model	Internal/external
Decoder	Built-in
Video output	Female BNC
Remote controlling	RS485/422 BUS, Manchester BI-PHASE, Coaxial Video Control
Baud rate (RS485)	2400, 800, 9600/19200 bps
ID range	1~254
Temperature	Outdoor -40°C+60°C / -40°F+140°F
Humidity	0~95% (Non-condensation)
Protection grade	IP66, TVS4000V, lightening/surge protection, all-day defend cover
Dimension (L*W*H)	411*210*269 mm / 16*8*10 inch
Gross weight	9.5kg / 21lbs

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# FCB-EX1010/FCB-EX1010P

## TECHNICAL SPECIFICATIONS



	FCB-EX1010	FCB-EX1010P
Image device	1/4-type EXview HAD CCD	
Effective picture elements	Approx. 380,000 pixels	Approx. 440,000 pixels
Horizontal resolution	On/Off (On: 540 TV lines)	
Lens	36x optical zoom, f=3.4 mm (wide) to 122.4 mm / (tele), F1.6 to F4.5	
Digital zoom	12x (432x with optical zoom)	
Viewing angle (H)	57.8° (wide) to 1.7° (tele)	
Minimum object distance	320 mm (wide), 1500 mm (tele)	
Sync system	Internal/External (V-Lock)	
Minimum illumination	1/60 s mode: 1.4 lx (typical) (F1.6, 50IRE) 1/4 s mode: 0.1 lx (typical) (F1.6, 50IRE)	
S/N ratio	More than 50 dB (weight ON)	
Electronic shutter	1/1 to 1/10,000 s, 22 steps	
White balance	Auto, ATW, Indoor, Outdoor, One-push, Manual	
Gain	Auto / Manual (-3 to 28 dB, 2 dB steps)	
AE control	Auto, Manual, Priority mode (shutter priority & iris priority), Bright, EV compensation, Backlight compensation, Slow AE	
Wide dynamic range	On/Off	
Backlight compensation	On/Off	
Privacy zone masking	On/Off (8 masks per view/24 masks presets in the entire viewing range when integrated into a PTZ camera - 14 colors, mosaic)	
Character generator	Mode display/Multi-line OSD (OSD has priority over Mode display)	
Flicker cancel	Auto	-----
Focusing system	Auto (Sensitivity: normal, low), One-push AF, Manual, Infinity, Interval AF, Zoom Trigger AF	
Picture effects	e-Flip, Nega Art, Black & White, Mirror Image	
Zoom switch	TELE, WIDE	
<b>NETWORK</b>		
Interface Ethernet	10/100Base-T	
Connector	RJ-45	
Protocols	TCP/IP, UDP, Multicast, DHCP, SMTP, HTTP, SNMP, RTP, RTSP & FTP	
Compression	H.264	
Streaming	H.264/MJPEG	
Resolution	720x480(NTSC) / 720x582(PAL)	
Frame Rate Range	Up to 30, 25, 20, 15, 10, 8, 6, 5	
Bandwidth	32Kbps ~ 4Mbps	
<b>AUDIO</b>		
Input	10/100Base-T	
Output	10/100Base-T	
Standards	G.711u / AAC	
Bitrate	64Kbps / 192Kbps	
<b>CONNECTORS</b>		
Sensor	1x Input	
Alarm	1x Output	
RS-485	1 Port	
Video output	VBS: 1.0 Vp-p (sync negative), Y/C	
Camera control interface	VISCA (TTL signal level), baud rate: 9.6 Kb/s, 19.2 Kb/s, 38.4 Kb/s, 1 or 2 stop-bit selectable	
Storage temperature	-20 to 60 °C (-4 to 140 °F)	
Operating temperature	0 to 50 °C (32 to 122 °F)	
Power requirements	6 to 12 V DC	
Power consumption	2.6 W (motors inactive), 4.9 W (motors active)	
Mass	230 g (8.1 oz)	
Dimensions (WxHxD)	50.0 x 57.5 x 87.9 mm (2 x 2 3/8 x 3 1/2 inches)	