



Features:

- Optical 40X, $f=5.5-110.0\text{mm}$, FOV $58.5^\circ \times 33.2^\circ$, $3.1^\circ \times 1.7^\circ$, $F1.5 \sim F3.2$; Sony $1/2.8''$ CMOS, 4M Pixels, 1920×1080
- Integrated IP Encoder, Hi3516D HD 1080/P30, H.264, H.265, SD storage, RTSP, VLC protocol, two-way AudioIn/Out;
- Same illuminance LED light with different distance, angle of view $15 \sim 48^\circ$, clear night vision distance 120M;
- alarm function; Internal sync Standard version; Working temperature $-40^\circ \sim +75^\circ$, AC $24V \pm 10\%$; IP66;
- Pan $0 \sim 360^\circ$ tilt $-90^\circ \sim 15^\circ$, pan speed $0.4-200^\circ/\text{s}$, tilt speed $0.4-100^\circ/\text{s}$, 128 preset, OSD menu, support pattern, temperature display, 3 grades lightning-proof and etc. support Pelco-P/D and other kinds of protocols etc.

Technical Parameters:

- Rotation Range: Pan 360° continuously; Tilt ($-90^\circ \sim +15^\circ$) or ($-90^\circ \sim +30^\circ$) no blind spot
- Pan Speed: $0.4 \sim 200^\circ/\text{s}$
- Tilt Speed: $0.4 \sim 100^\circ/\text{s}$
- Preset Speed: Pan $240^\circ/\text{s}$, Tilt $160^\circ/\text{s}$
- 3D Location: /
- Zoom/Speed Proportion: Auto-speed proportionate to the length of focus
- Position Accuracy: $\pm 0.025^\circ$
- Preset: 128, titles can be edited
- Auto Flip: Tilt down to 90° , camera will auto run auto flip 180°
- Auto Scan: 355° programmable, 4 scan
- Patterned Scan: 4, each record time is not less than 180S
- Display Zone: 8 with titles, (support automatic scanning in zone)
- Baud rate (RS485): 2400/4800/9600/19200bps
- ID Range: 1~254
- Alarm: Support
- Decoder: Build-in
- Power loss recovery: Support
- PTZ position display: ON/OFF
- Preset video freeze: Support (need camera module support)
- OSD: Support
- Temperature display: Survey the temperature inside of the PTZ
- Park action: Preset/Pattern/Tour/Auto Scan
- Timing task: Preset/Pattern/Tour/Auto Scan
- Remote Controlling: RS485/422, Manchester, BI-PHASE, RJ45
- Camera Sensor: IMX290LQR
- Sensor: Sony $1/2.8$ Type Exmor CMOS sensor
- effective pixels: 2.13M pixels
- Effective Output: 1920×1080

- Rotation Range: Pan 360°continuously; Tilt(-90°~+15°)or(-90°~+30°)no blind spot
- Visual lens: HD 40X zoom lens
- Focal length (mm) :5.5~110
- Zoom value:40X
- effective pixels:4M
- Iris :F1.5~3.2
- Wide View of angle (WxH):58.5°x 33.2°
- Tele View of angle (WxH):3.1°x 1.7°
- Infrared confocal:Yes
- Penetrating fog:\
- Auto-focus:Yes
- Anti-vibration : \
- Back focal length (mm):-0.85
- Minimum object distance (m):0.1m(Wide) ~ 1.5m(Tele)
- Front optical aperture:0
- Back optical aperture:0
- LED Light: 3C-D83
- Wave length: 850nm
- Visibility: 120M (differentiate and clear distance)
- View of angle: 15~60°
- Control Mod: 0
- Control: "Manual/Auto
(Illuminator will auto open/shut according to the ambient brightness) "
- Illuminator Consumption: 24W
- Illuminator : Infrared LED
- Illumination/distance Proportion: same illumination from near to far
- IP Encoder: High Definition-IP
- Video Compression: H.264/H.265 , Baseline/Main Profile/High Profile; H.265 Main Profile; MJPEG
- Main Stream: 1920*1080, 1-60 (default 30) frame/S; 1280*720, 1-60 (default 30) frame
- Sub Stream: D1, 1-25 (30)frame/S; 640*480, 1-25 (30)frame/S; 320*240, 1-25 (30)frame/S
- Video Bitrate: 30~16384Kb/S continuously adjustable, CBR/VBR support
- Information Display: Dome Title, Preset, Pattern, Scan, Zone, Zoom, Alarm, Date/Time
- Data Storage: TFCard Support,up to 128GB
- Storage Mechanism: Manual, Auto (Loop, Timing, Alarm, Motion Detection)
- Alarm In: IO Detection, Motion Detection
- Alarm Out: E-mail,FTP,ONVIF,GPIO
- Internet Protocol: TCP/IP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DHCP, FTP, NTP, SMTP
- ONVIF support: Standard ONVIF2.4
- Private protocol: Hikvision/Dahua/Others
- GB28281: JVT
- Web browser: IE6.0 or Later,Support 10 users access simultaneously(MAX)
- NVR support: HIKVISION, DAHUA, TVT, XM technology and etc.
- Platform support: Milestone, NUUO, AXXON, Digifort Avigilon, Aimetis
- SDK support: Windows&Linux
- P2P support: TUTK,danale,Ichanoo (JVT)

General options

- Electrical Protection grade: Built-in TVS4000V, lightning-proof, surge-proof and wave-proof
- Working temperature & humidity: -40°C~+75°C; 0~95%(non-condensation)
- Ingress Protection: IP 66
- Power consumption: Indoor ≤ 30W, Outdoor ≤ 50W
- Rate Voltage: AC24V
- Dimensions: 353mm×φ200mm
- Horizontal Turning radius: \
- Pan/Tilt Weight: 0
- Housing Weight: 0
- Net Weight: 6.8 Kg
- Gross Weight: 0
- Installation type: Wall, Pendent, Pole, Corner