Features:

- Optical 20X, f=5.5-110.0mm, FOV 58.5°x33.2°, 3.1°x1.7°, F1.5~F3.2; Sony1/2.8"CMOS, 2M Pixels, 1920*108
- Integrated IP Encorder, Hi3516D HD 1080/P30, H.264, H.265, SD storage, RTSP, VLC protocol, two-way AudioIn/Out;
- Same illuminace LED light with different distance, angle of view 15~48°,clear night vision distance 120M;
- alarm function; Internal syncStandard version; Working temperature -40°- +75°, AC 24V±10%; IP66;
- Pan 0~360°tilt -90°~15°, pan speed 0.4-200°/s, tilt speed 0.4-100°/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°continously; Tilt(-90°~+15°)or(-90°~+30°)no blind spot
➢ Pan Speed: 0.4°~200°/S
➢ Tilt Speed: 0.4°~100°/S
➢ Preset Speed:Pan 240°/S, Tilt 160°/S
➢ 3D Location:/
➢ Zoom/Speed Proportion:Auto-speed proportionate to the length of focus
➢ Position Accuracy: ±0.025°
➢ 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: 1920x1080

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- Rotation Range: Pan 360°continously; Tilt(-90°~+15°)or(-90°~+30°)no blind spot
- Visual lens: HD 20X zoom lens
- Focal length (mm) :5.5~110
- Zoom value:20X
- effective pixels:2M
- 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
	➢ Woking temperature & humidity: -40℃~+75℃；0~95%(non-condensation)
	➢ Ingress Protection: IP 66
	➢ Power consumption: Indoor ≤ 30W, Outdoor ≤ 50W
	➢ Rate Votage: AC24V
	➢ Dimensions: 353mm×φ200mm
	➢ Horizontal Turning redius: \
	➢ Pan/Tilt Weight: 0
	➢ Housing Weight: 0
	➢ Net Weight: 6.8 Kg
	➢ Gross Weight: 0
	➢ Installation type: Wall, Pandent, Pole, Corner