### Specifications

**Camera**
- Image sensor: 1/2.8” 2.0 megapixel progressive scan CMOS
- Effective pixels: 1920(H)×1080(V)
- Minimum Illumination: Color: 0.01 lux (F1.6, AGC ON), 0.001 lux (F1.6, AGC ON)
- Day/Night mode: Auto/Color/Monochrome (removable infrared-cut filter)
- Electronic shutter speed: 1/10000s to 1s
- White balance: Auto/Auto-Track/Manual/OnePush/Scenario
- Gain control: Automatic / Manual
- WDR: 120dB (Physical WDR on)
- Backlight compensation: Supported
- Highlight suppression: Supported
- DNR: Self-adaptive to 2D or 3D DNR
- Defog: Automatic / Manual
- Image stabilization: Gyroscopic image stabilization

**Camera Interface**
- Video compression: H.265 / H.264 / MJPEG
- Stream encryption: AES128/192/256 encryption algorithm, and HTTPS digital certificate, IP address filtering
- Network protocol: RTSP, RTCP, SIP, ARP, SSL, NTP, SNMP (V1/V2/V3), 802.1x, QoS, DDNS
- ISP packages
- Stream packages
- Frame rate
- Resolution
- Compression
- Audio interface: 1 channel audio input and 2 channel analog video output through the CVBS interface
- Alarm interface: 1 channel alarm input and 2 channel alarm output, Phoenix connector
- Analog video interface: 1 channel analog video output through the CVBS interface, BNC connector
- Audio interface: 1-channel audio input and 1-channel audio port, 3.5mm mono connector
- Memory card slot: 1 MicroSD/SDHC/SDXC slot supporting memory card up to 64 GB
- Security mode: User name and password authentication, 802.1x (MD5 Challenge), and HTTPS digital certificate, IP address filtering
- Security mode: Security protocol
- Security encryption: AES128/192/256 encryption algorithm, and Digital Watermark
- Intelligent Analytics: Tripwire detection, Loitering detection, Intrusion detection, Abandoned object detection, Target color recognition, and Humans and vehicles distinguishing
- Intelligent detection: Motion detection, Lens block detection
- Event triggers: Intelligent analysis, Motion detection, Lens block, and Alarm input
- Event actions: Alarm output, PT presets, Guard tour, SD card record, and Snapshot.

**Dimension**

<table>
<thead>
<tr>
<th>Unit</th>
<th>220.0</th>
<th>120.9</th>
<th>63.0</th>
<th>53.0</th>
</tr>
</thead>
</table>

**Optional Accessories**

ACC2204H-W  ACC2209H-H  ACC2206H-P  ACC2207H-C

**Features**
- H.265, H.264 and MPEG video compression standard
- 1080p@60fps
- Dual-channel 1080p HD video encoding
- Ultra WDR 120dB
- Highlight suppression
- Auto defogging
- Gyroscopic image stabilization
- Intelligent analytics
- IK10 P2P security class
- SFP slot for SFP fiber optic modules
- Opto-electronic cascade (OEC)
- Railway applications
- Ultra wide operating temperature range -40°C ~ 60°C
- DC/AC supply and PoE hot backup for each other

**IPC6525-Z30 2MP 30X Intelligent Network Speed Dome**

**General Parameter**
- Power supply: DC24V ±20%, AC24V ±25%, PoE IEEE 802.3at (No heating). DC power supplies without polarity. DC/AC supply is hot backup with PoE power.
- Power consumption: Typical consumption: 20 W; Maximum consumption: 45 W (Heater enabled)
- Operating environment: Operating temperature: -40°C ~ 60°C; Relative humidity: less than 95% (non-condensing)
- Electromagnetic compatibility (EMC): Complies with EN 55022 class AEN 55024 EN 55032-4EN 61000-3-2EN 61000-3-3 and FCC Part 15 Subpart B Class A
- Railway applications: Complies with EN 50121-4 and EN 50125-3
- Lightning surge suppression: 6kV surge voltage, complies with IEC 61000-4-5
- IP protection Class: IP66, complies with IEC 60529
- Vandal-proof Class: IK10, complies with IEC 62262
- Anti-corrosion: Satisfies the ISO9223 Class C4 environment, complies with IEC60068-2-11
- Net weight: 5.0 kg
- Gross weight: 5.7 kg
- Physical dimensions: 220.0mm x 320.1mm
- Packing dimensions: 295.0×295.0×510.0mm