

HANWHA - TNO-C3010TRA



DESCRIPTION

TECHNICAL CHARACTERISTICS

Brand : HANWHA
Part number : TNO-C3010TRA
Représentation / réalisation :
Type : IP security camera
Réseau :
Bluetooth : No
Alarm input channels : 1
Alarm input/output : Yes
Alarm output channels : 1
Angle of rotation : 350°
Audio detection : Yes
Audio formats supported : AAC-LC, ADPCM, G.711, G.711 -law, G.726
Bit rate control : Constant Bit Rate (CBR)/Variable Bit Rate (VBR), Variable Bit Rate (VBR)
Built-in HDD : No
Camera pan control : Yes
Camera tilt control : Yes
Card reader integrated : Yes
Closest focusing distance : 0.6 m
Compatible memory cards : MicroSD (TransFlash), MicroSDHC, MicroSDXC
Connectivity technology : Wired
Diameter : 9.38 cm
Effective sensor resolution (thermal module) : 384 x 288 pixels
Ethernet interface type : Fast Ethernet
Ethernet LAN : Yes
Ethernet LAN (RJ-45) ports : 1
Field of view (FOV) angle : 118.6°
Fixed focal length : 4.4 mm

Fixed focus : Yes
Flash memory : 512 MB
Flip & mirror : Yes
Form factor : Bullet
Frame rate : 30 fps
Height : 233.5 mm
Horizontal field of view (optical module) : 65.3°
Housing material : Aluminium, Polycarbonate (PC)
HTTPS encryption : Yes
Human and vehicle targets classification : Yes
IFOV (spatial resolution) : 3.9 mRad
IK code : IK10
Internal memory : 2000 MB
International Protection (IP) code : IP66
Languages support : Simplified Chinese, Czech, German, Dutch, English, Spanish, French, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Swedish, Turkish
Maximum memory card size : 1 TB
Maximum resolution : 768 x 576 pixels
Microphone in : Yes
Mirror : Yes
Mounting type : Ceiling/wall
Number of cameras : 1
Number of languages : 17
Number of lenses : 1
Number of Privacy masking areas : 6
Number of users : 20 user(s)
Operating relative humidity (H-H) : 0 - 95%
Operating temperature (T-T) : -40 - 60 °C
Pan range : 0 - 350°
People counting function : Yes
Pixel pitch (thermal module) : 17 µm
Placement supported : Indoor & outdoor
Power consumption (max) : 10.8 W
Power consumption (Power over Ethernet (PoE)) : 9 W
Power consumption (typical) : 7.7 W
Power source type : DC, PoE
Privacy masking : Yes
Privacy protection : Yes
Product colour : White
RS-485 ports : 1
Security algorithms : 802.1x RADIUS, EAP-LEAP, EAP-PEAP, EAP-TLS, FIPS 140-2, HTTPS, SRTP
Sensor type : Microbolometer
Sensor type (thermal module) : Noise equivalent temperature difference (NETD)
Storage relative humidity (H-H) : 0 - 95%
Storage temperature (T-T) : -50 - 60 °C
Streaming method : Multicast, Unicast
Supported network protocols : IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP, CDP, SRTP (TCP, UDP Unicast), MQTT
Temperature measurement range : -40 - 550 °C
Temperature sensor : Yes
Thermal module : Yes
Thermal sensitivity (NETD) : 30 mK
Tilt angle range : 0 - 90°

USB port : Yes
Vertical field of view (optical module) : 90°
Video formats supported : H.264, H.265, M-JPEG
Video intelligence analytic : Yes
Video motion detection : Yes
Weight : 1.7 kg
Wi-Fi : No