

HANWHA- TNO-C3012TRA



DESCRIPTION

TECHNICAL CHARACTERISTICS

Brand : HANWHA
Part number : TNO-C3012TRA
Représentation / réalisation :
Type : IP security camera
Certification : FIPS 140-2 level 2
Alarm input/output : Yes
Alert notification type : E-mail
Angle of rotation : 350°
Audio detection : Yes
Audio formats supported : AAC-LC, ADPCM, G.711, G.711 -law, G.726
Behavior analysis : Line crossing detection, Region entrance detection, Region exiting detection
Bit rate control : Constant Bit Rate (CBR)/Variable Bit Rate (VBR)
Camera pixel size : 17 µm
Card reader integrated : Yes
Closest focusing distance : 0.6 m
Compatible memory cards : MicroSD (TransFlash), MicroSDHC, MicroSDXC
Compliance certificates : Federal Communications Commission (FCC), RoHS
Connectivity technology : Wired
Depth : 233.5 mm
Digest authentication : Yes
Ethernet interface type : Fast Ethernet, Gigabit Ethernet
Ethernet LAN : Yes
Ethernet LAN (RJ-45) ports : 1
Fixed focal length : 4.4 mm
Flash memory : 512 MB
Flip & mirror : Yes
Form factor : Bullet

Frame rate : 8 fps
Height : 93.8 mm
Housing material : Aluminium, Plastic
Human and vehicle targets classification : Yes
IFOV (spatial resolution) : 3.9 mRad
IK code : IK10
International Protection (IP) code : IP66
Languages support : Simplified Chinese, Czech, German, Dutch, English, Spanish, French, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Turkish
Lens viewing angle, diagonal : 118.6°
Lens viewing angle, horizontal : 90°
Lens viewing angle, vertical : 65.3°
Maximum aperture number : 1
Maximum memory card size : 1 TB
Maximum resolution : 768 x 576 pixels
Microphone in : Yes
Mounting type : Ceiling
Networking standards : IEEE 802.3af
Number of cameras : 1
Number of languages : 16
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°
Power consumption (max) : 9.4 W
Power consumption (Power over Ethernet (PoE)) : 10.8 W
Power consumption (typical) : 7.7 W
Power source type : DC, PoE
Privacy masking : Yes
Product colour : Black, White
RAM capacity : 2000 MB
RS-485 ports : 1
Sample rate : 16 kHz
Security algorithms : EAP-LEAP, EAP-TLS, HTTPS, MSCHAPv2, PEAP, 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
Supported graphics resolutions : 384 x 288
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 accuracy : 4 °C
Temperature measurement range : -40 - 550 °C
Temperature sensor : Yes
Text caption overlay : Yes
Thermal sensitivity (NETD) : 30 mK
Tilt angle range : 0 - 90°
USB port : Yes
Video formats supported : H.264, H.265, M-JPEG
Video motion detection : Yes

Video streaming : Yes
Weight : 1.7 kg
Width : 93.8 mm