

# HANWHA- TNO-C3030TRA



## DESCRIPTION

## TECHNICAL CHARACTERISTICS

Brand : HANWHA

Part number : TNO-C3030TRA

### 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 : 2.8 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 : 9.7 mm

Flash memory : 512 MB

Flip & mirror : Yes

Form factor : Bullet

Frame rate : 30 fps
Height : 93.8 mm
Housing material : Aluminium, Plastic
Human and vehicle targets classification : Yes
IFOV (spatial resolution) : 1.8 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 : 46.7°
Lens viewing angle, horizontal : 37.9°
Lens viewing angle, vertical : 28.7°
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