

TN-K044T42

ADVANTAGE Turret Camera Kit with



ADVANTAGE AI

- ADVANTAGE Intelligent IP Camera
- Detects People and Vehicles, to be managed by the NVR & Software*



ADVANTAGE MANAGEMENT CENTER

- Window-based server-client platform is for viewing and managing multiple sites**
- Advanced intelligence features supplement IP cameras' built-in analytics



ADVANTAGE VIEWER

- Provides easy P2P live view and playback on smartphones
- Compatible with Android and iOS devices



ADVANTAGE TOOLS

- Automatically discover all Turing ADVANTAGE devices on the same LAN
- Edit device parameters and upgrade on an easy-to-use user interface

*Activation depends on state regulations and compliance with Biometric Information Protection Act (BIPA)

**PC hardware not included

SPECIFICATIONS

4 IP Camera: TI-NED0428

(APPLIES TO ALL CAMERAS)

CAMERA		INTERFACES	
IMAGE SENSOR	1/2.8", 4.0 megapixel, progressive scan, CMOS	NETWORK INTERFACE	1 Ethernet (10/100 Base-T) RJ-45 Connector
LENS	2.8mm@F2.0	NETWORK PROTOCOLS	IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPnP, FTP, ARP, SNMP, TLS/SSL
ANGLE OF VIEW (H)	97.4°	3RD-PARTY COMPATIBILITY	ONVIF, SDK, CGI
ADJUSTMENT ANGLE	Pan:0° ~ 360°, Tilt:0° ~ 90°, Rotate:0° ~ 360°	SUPPORTED BROWSER	IE11, Chrome, Firefox, Microsoft Edge
ELECTRONIC SHUTTER	Auto/Manual, 1/5 ~ 1/20000s	CERTIFICATIONS	
MINIMUM ILLUMINATION	Color: 0.003Lux (F1.2, AGC ON), 0Lux with IR	CERTIFICATIONS	CE/FCC
DAY/NIGHT	IR-cut filter with auto switch (ICR)	GENERAL	
S/N RATIO	55dB	POWER REQUIREMENT	DC 12V, PoE (IEEE 802.3af)
IR RANGE	Up to 30m (98.4ft) IR range	POWER CONSUMPTION	Max 6.0 W
WIDE DYNAMIC RANGE	120 dB	DIMENSIONS	φ118 × 103mm (φ4.65" × 4.06")
VIDEO & AUDIO		NET WEIGHT	0.5 kg (1.1 lb)
RESOLUTION & FRAME RATE	4MP Resolution Stream1: 2592×1520, 2560×1440, 2304×1296, 1920×1080, 1280×720 @ 25/30fps Stream2: D1, VGA, 640×360, CIF, QVGA @ 25/30fps Stream3: VGA, CIF, QVGA @ 25/30fps	MATERIAL	Metal
WHITE BALANCE	Auto	WORKING ENVIRONMENT	-40°C ~ 55°C (-40°F ~ 131°F), Humidity: <90% RH
NOISE REDUCTION	2D/3D DNR	WATER PROTECTION	IP66
AUDIO COMPRESSION	G.711, RAW_PCM	COMPATIBLE NVRS	
AUDIO SAMPLING RATE	8kbps, 16kbps, 64kbps	Turing Advantage NVR series, including TN-NRP042T, TN-NRP082T, TN-NRP084T and TN-NRP164T	
VIDEO INTELLIGENCE	Line crossing detection, Intrusion detection, enter area detection, exit area detection, and face capture		



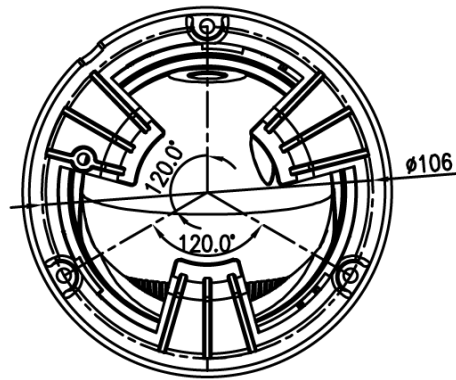
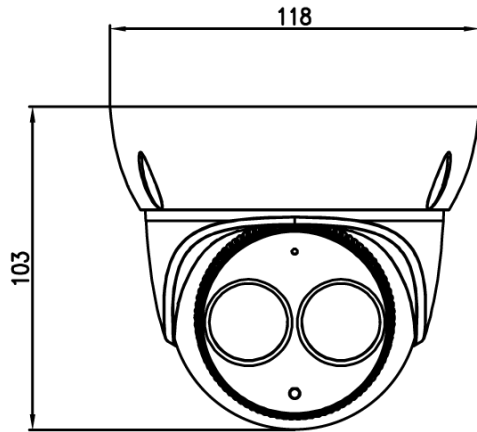
SPECIFICATIONS

NVR: TN-NRP042T

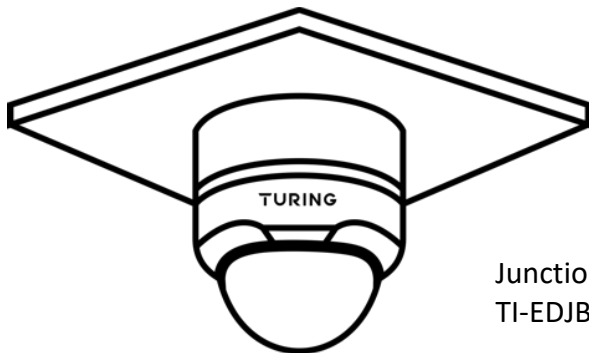
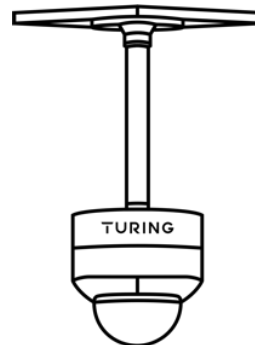
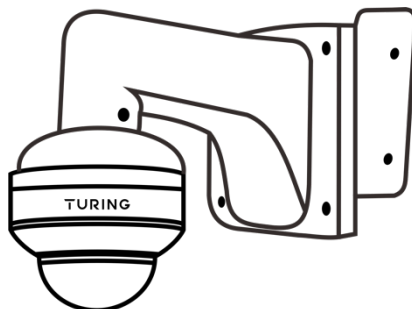
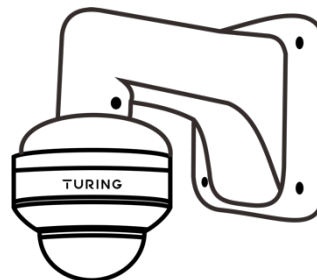
Network		External Interface	
Incoming Bandwidth	28 Mbps	NETWORK INTERFACE	1 RJ45 10M/100M self-adaptive Ethernet Interface
Outgoing Bandwidth	28 Mbps	USB Interface	3 x USB2.0
Remote Users	8	PoE	
Protocols	HTTP, HTTPS, TCP/IP, IPv4, UPnP, UDP, RTSP, SMTP, NTP, DNS, DHCP, P2P, IP Filter, DDNS, 802.1X, SNMP, 3G/4G, PPPoE	Interface	1 RJ-45 port (10/100 Mbps)
VIDEO/AUDIO		Max Power	32W total
IP Video Input	4-ch	Supported Standard	IEEE 802.3af/at
Two-way Audio Input	1-ch, RCA	GENERAL	
HDMI/VGA Output	HDMI: 3840×2160, 1920×1080, 1440×900, 1280×1024 VGA: 1920×1080, 1440×900, 1280×1024	Power Supply	48V DC, 1.25A Power Consumption: <5 W (without HDD)
Recording Resolution	8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.	Working Environment	-10°C~+ 50°C (+14°F~+122°F), Humidity < 90% RH
Audio Output	1-ch	DIMENSIONS	255 × 237 × 47.5 mm (10.04 × 9.33 × 1.87 inch)
Synchronous Playback	4/1	NET WEIGHT	0.9 kg (1.98 lb) without HDD
Decoding		COMPATIBILITY	
Decoding Format	Ultra 265, H.265, H.264	ONVIF	Supported
Live View Playback	4K/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF	Recommended Turing Cameras	ADVANTAGE Series Only
Capability	2 x 4k@30, 3 x 5MP@30, 4 x 4MP@30		
Hard Disk			
SATA	1 SATA interface		
Capacity	4TB HDD x1 pre-installed; 8TB max each HDD		



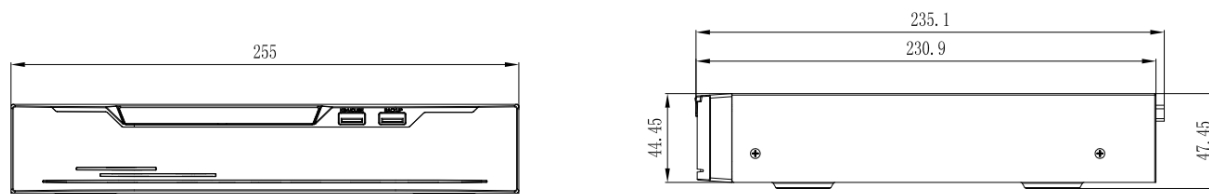
DIMENSIONS (mm)



MOUNTING

Junction Box:
TI-EDJBPole Mount: TI-ADPM
Pendant Cap: TI-EDPCWall Mount: TI-ADWM
Pendant Cap: TI-EDPC
Corner Mount: TI-ADCMWall Mount: TI-ADWM
Pendant Cap: TI-EDPC

DIMENSIONS (mm)



REAR PANEL

