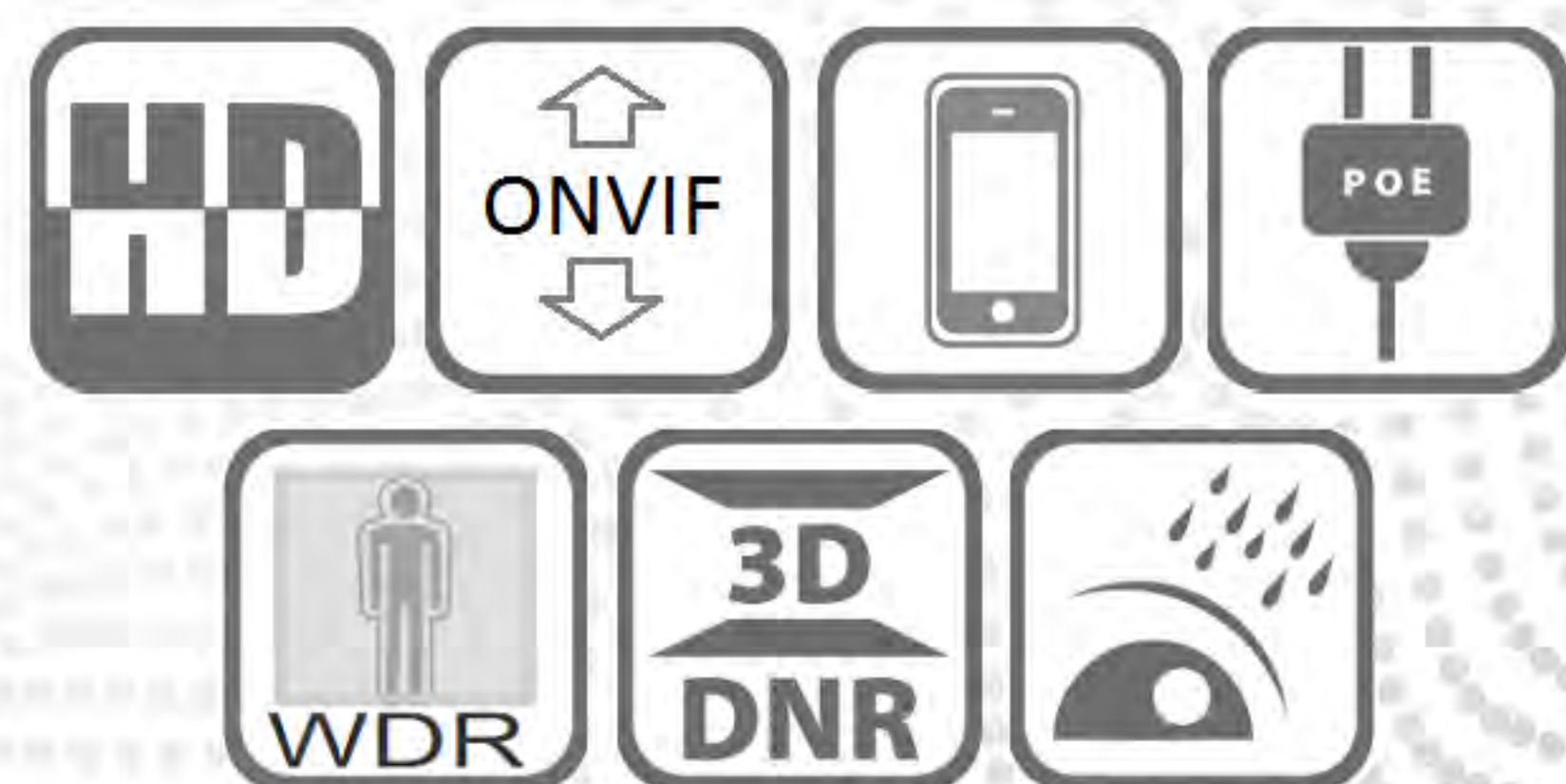


8MP IP Turret Camera with Mic

Datasheet



NDA A ✓

TrueCCTV TR-IP8TW28, TR-IP8TW28-B

Designed for superior clarity and performance, the TrueCCTV IP8TW28 8MP Black IP Turret Camera offers 4K resolution with a 1/2.8" Sony CMOS sensor. Its low-light capability, paired with soft, warm LED lights, ensures high-quality footage even in challenging conditions.

With features like motion detection, D-WDR, and RTSP/Onvif compatibility, this camera excels in both security and functionality. Its IP67 waterproof housing and PoE support make the IP8TW28-B a reliable, durable solution for any environment.

Key Features

- NDA A Compliance (The fully NDA A-compliant products are well suited for government, defense and a range of projects subject to the NDA A.)
- 1/2.8" Sony CMOS sensor
- 4K resolution 3840 x 2160P
- Low illumination 0.01Lux
- Day/Night (ICR), AWB, AGC, BLC, 2D/3D-DNR, IR-CUT
- D-WDR, Motion Detection, Privacy Mask, Mirror
- RTSP and Onvif 17.06 compatible
- H.265/H.264 dual-stream media server
- Easy-to-use P2P Cloud service
- Multi web browser, PC Client, mobile APP remote access
- Internal Microphone, reset button optional
- Lightning protection 4000V
- RJ45 100Mbps network port, IEEE802.3af PoE
- Strong water-proof housing, IP67
- 2PCS Soft & Warm Supplemental Light, Light distance: 25-30M
- HD 2.8mm F1.0 lens
- With Internal Microphone



Camera	
Image Sensor	1/2.8" SONY IMX415 CMOS
Effective Pixels	3840 (H) × 2160 (V)
Electronic Shutter	AUTO, 1/25s ~ 1/100000s
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on
Day/Night	Auto/Color/(B/W)/Timing
WDR	Digital WDR
White Balance	Auto/Indoor/Outdoor
BLC	Support
DNR	2D/3D DNR
Light Control	Auto/Manual, Mode switch, Brightness level, OFF, Light ON Illumination
License Plate Mode	Yes
Other	Multi-lines OSD, Custom Title, Privacy Mask, Flip
Encode	
Embedded Solution	Mstar 338Q
Video Standard	H.264/H.265
Video Resolution	Main Stream:20fps@8MP(3840x2160),30fps@6MP(3072x2048)/5MP(2592x1944)/4MP/3MP/1080P/720P,etc. Sub stream: 720x480/VGA(640x480)/360P/QVGA@30fps,etc.
Video Bitrates	512Kbps - 12Mbps, VBR/CBR
Audio Standard	G.711-u/G.711-a
OSD Overlay	Title and Time overlay
Built-in Mic	Yes, Audio Echo Cancellation
Smart Detection	
Motion Detection	Support
Target Detection	Human and Vehicle Detection
LEDs	
Leds	2PCS Soft & Warm Supplemental Light
Light Distance	25-30 M
Lens	
Focal length	HD 2.8mm F1.0 true starlight lens



Language	
English, simplified Chinese, Chinese Traditional, Deutsch, Italian, Turkish, Polish, Korean, Japanese, Russian, Ukrainian, Persian.	
Network Services	
Protocol	HTTP/RTSP/FTP/NFS/SNMP/DHCP/NTP, etc.
P2P	Yes
Web	IE, Firefox, Chrome, Edge, Safari, etc.
Media	CMS, Android, IOS
ONVIF	17.06 compatible
General	
Network Port	1-RJ45, 100Mbps
Power Supply	POE ,12 VDC \pm 10%
POE	802.3af/at 48V
Power Consumption	< 8 W
Operating Temp.	-30°C-(+60)°C, 10%-90%RH

Structure Diagrams

