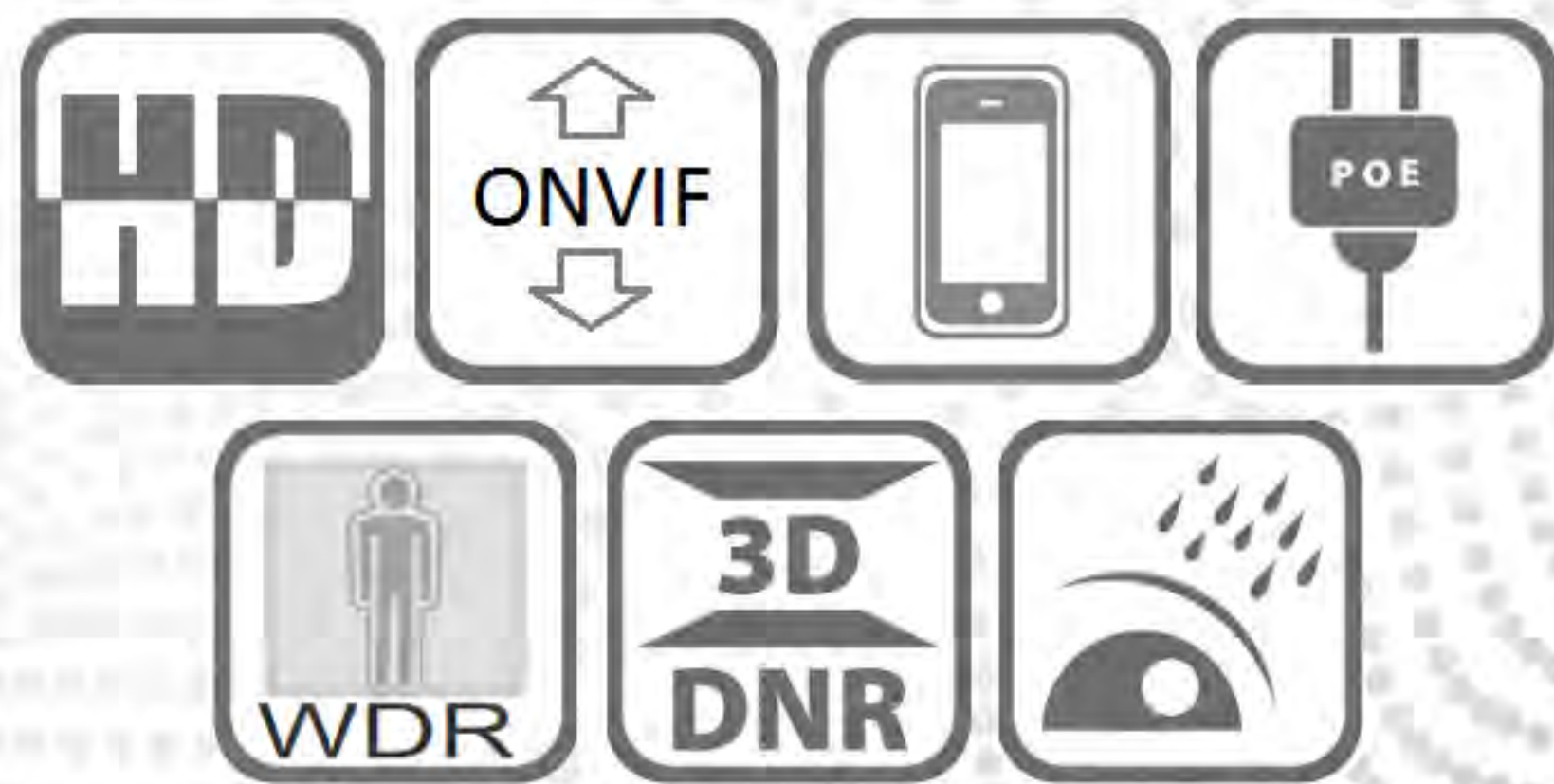




8MP IP Turret Camera with Two-way Audio

Datasheet



NDAA ✓

TrueCCTV TR-IP8TW282WA

Equipped with advanced technology, the TrueCCTV IP8TW282WA 8MP IP Turret Camera delivers stunning 4K resolution at 3840 x 2160P. Its 1/2.8" Sony CMOS sensor ensures exceptional low-light performance, capturing clear footage even in dim conditions with an illumination level of just 0.01Lux. This camera features dual lights for enhanced visibility, with infrared and warm light capable of illuminating distances of 25-30 meters. Built-in two-way audio allows for seamless communication, while the SD card slot supports storage of up to 256GB for recorded footage.

Designed for durability and flexibility, the IP8TW282WA is housed in a robust, waterproof casing (IP67) that withstands the elements. With a host of features, including motion detection, privacy masking, and dual-stream compatibility, this turret camera is ideal for modern security needs. It supports P2P cloud services and remote access via multi-browser, PC client, or mobile app, ensuring you stay connected to your security system. Enjoy peace of mind with lightning protection rated at 4000V and the ability to trigger audio alarms to deter intruders effectively.

Key Features

- NDAA Compliance (The fully NDAA-compliant products are well suited for government, defense and a range of projects subject to the NDAA.)
- 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
- Two way audio, Built in Microphone and Speaker ,with SD card slot(support up to 256GB SD card)
- Support audio alarm to warn intruders off
- Support warm light on when detect human body and vehicle
- Lightning protection 4000V
- Strong water-proof housing, IP67
- 2PCS dual Lights,IR distance:25-30M,warm light distance:25-30M
- HD 2.8mm F1.6 lens
- With reset button



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
Other	Human body and Vehicle detection ,Motion Detection, Privacy Mask, Mirror, flip
Encode	
Embedded Solution	SSC338Q
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
Leds	
Leds	2PCS dual Lights
IR distance	25-30M
Warm Light Distance	25-30 M
Lens	
Focal length	HD 2.8mm F1.6 lens
Functions	
Two way audio, Built in Microphone and Speaker ,with SD card slot(support up to 256GB SD card)	
Network Services	
Protocol	HTTP/RTSP/FTP/NFS/SMTP/DHCP/NTP, etc.
P2P	Yes
Web	IE , Firefox,Edge, Google Chrome etc.
Media	CMS, Android, IOS
ONVIF	17.06 compatible
General	
Network Port	1-RJ45, 100Mbps
Power Supply	POE ,12 VDC ± 10%
Power Consumption	< 8 W
Operating Temp.	-30℃-(+60)℃, 10%-90%RH



Structure Diagrams

