

NETWORK VIDEO CAMERA

DATA SHEET

THE ALTERNATIVE SOLUTION

FENNEC SERIES



SMALL EYEBALL TEBFDAIP8MP28-AI



8MP (4K) UHD

Onvif® COMPLIANT PROFILE S/G/T

BLC / WDR / IP66

FIX 2.8MM LENS

BUILT-IN MICROPHONE

POE (POWER OVER ETHERNET)

AI FEATURES

HUMAN/VEHICLE DETECTION
PERIMETER DETECTION
FACE DETECTION / FACE RECOGNITION
LINE CROSSING DETECTION

IR 20M MATRIX LED/STARLIGHT

3 YEARS WARRANTY



SMALL EYEBALL

MODEL: TEBFDAIP8MP28-AI



VIDEO	
IMAGING DEVICE	1/2.8"
EFFECTIVE PIXELS	8MP 3840(H)×2160(V)
SCANNING SYSTEM	PROGRESSIVE CMOS
MIN. ILLUMINATION	COLOR 0.1LUX @ F1.2(AGC ON) B/W 0 LUX @ IR ON

OPERATIONAL	
IR VIEWABLE LENGTH	UP TO 20M
CAMERA TITLE	ON/OFF
DAY & NIGHT	IR CUT FILTER WITH AUTO SWITCH (DAY/NIGHT/AUTO/SCHEDULE)
BACKLIGHT COMPENSATION	OFF/ON (5 ZONE)
WIDE DYNAMIC RANGE	WDR
DIGITAL NOISE REDUCTION	3D DNR
MOTION DETECTION	OFF/ON (8 LEVEL)
PRIVACY MASKING	OFF/ON (4 ZONE, RECTANGLE)
GAIN CONTROL	AUTO
WHITE BALANCE	AUTO/MANUAL
ELECTRONIC SHUTTER SPEED	1/5 ~ 1/20000S
FLIP / MIRROR	FLIP/CORRIDOR/ROTATION
ON-BOARD STORAGE	MICRO SD SLOT, UP TO 256GB
ALARM	PIR
AUDIO	BUILT-IN MICROPHONE
HARDWARE RESET	✓ YES
SMART FEATURE	PID LCD PD/VD FD

LENS TYPE	
FOCAL LENGTH (ZOOM RATIO)	2.8MM
MAX. APERTURE RATIO	F NO.1.6±10%
ANGULAR FIELD OF VIEW	HORIZONTAL: 107° VERTICAL: 57° DIAGONAL: 128°
MIN. OBJECT DISTANCE	0.2M
LENS TYPE	FIX (M12)

RESOLUTION	
MAIN STREAM 8MP (3840X2160) 5MP (2592X1944, 3072X1728) 4MP (2592X1520) 3MP (2304X1296) 1080P (1920X1080) 960P (1280X960) 720P (1280X720)	
SUB STREAM 720P (1280X720) VGA (640X480) QVGA (320X240)	
MOBILE STREAM VGA (640X480) QVGA (320X240)	
VIDEO QUALITY ADJUSTMENT	8KBPS ~ 16MBPS
BITRATE CONTROL METHOD	CBR/VBR
STREAMING CAPABILITY	TRIPLE-STREAM (Main/Sub/Moile)
IP	IPV4
STREAMING METHOD	UNICAST/MULTICAST
MAX. USER ACCESS	MAX 7 (ADMIN+USER)
APPLICATION PROGRAMMING INTERFACE	ONVIF (PROFILE S/G/T, 18.12)
WEB VIEWER	IE8,9,10,11, CHROME 44/LOWER FIREFOX 51/LOWER SAFARI 11/LOWER

MAX. FRAMERATE	
50HZ:25FPS@ 8MP 5MP 4MP 3MP 2MP 960P 720P VGA QVGA	
60HZ:30FPS@ 8MP 5MP 4MP 3MP 2MP 960P 720P VGA QVGA	

PROTOCOLS				
TCP/IP	HTTP	DHCP	DNS	DDNS
RTP	RTSP	SMTP	NTP	UPNP
SNMP	HTTPS	FTP		

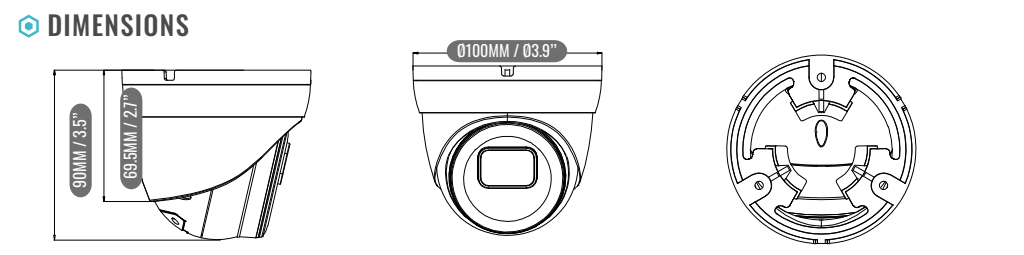
SECURITY	
IP ADDRESS FILTER	COMPLICATED PASSWORD
AUTHENTICATED USERNAME AND PASSWORD	

ELECTRICAL	
INPUT VOLTAGE / CURRENT	D12V/POE(IEEE802.3AF)
POWER CONSUMPTION	4/7W

MECHANICAL	
COLOR / MATERIAL	WHITE/METAL
DIMENSION (WXHXD)	Ø100X90MM
WEIGHT	APPR. 330G

NETWORK	
ETHERNET	RJ45(10/100BASE-T)
VIDEO COMPRESSION FORMAT	H.264/H.265

ENVIRONMENTAL	
OPERATING CONDITIONS -30~+55°C LESS THAN ≤ 95% RH	INGRESS PROTECTION IP66
STORAGE CONDITIONS -30~+60°C LESS THAN ≤ 95% RH	



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TEBFDAIP8MP28-AI

ACCESSORIES



TEBBASE1
JUNCTION BOX

WMB2
WALL MOUNT



OR

EB3BASE4-G
GOOSE MOUNT



+

WMB6
WALL MOUNT



COMPLEMENTARY ACCESSORIES



CMB6
CEILING MOUNT BRACKET



PMB6
POLE MOUNT BRACKET



COMB6
CORNER MOUNT BRACKET



EXT-4POE
EXTENDER 4 PORTS POE



INJPOE-25W
INJECTOR POE 25WATTS



IP-COAX-300M
IP OVER COAX EXT