DUNLOP
By Hikvision Digital Technology

DP-22TD2636-10
Thermal & Optical Network Bullet Camera

DeepinView series

Introduction

Dunlop DP-22TD2636-10 Thermal Bi-spectrum Network Bullet Camera is applied to perimeter defense and fire-prevention purposes in critical infrastructures such as: airport, railway, prison, power station, 4S stores, and so on. The pre-alarm system helps you discover unexpected events immediately and protects you from property loss.

Smart Function (Thermal Imaging)

• Leading image processing technology: Adaptive AGC, DDE, 3D DNR, NETD less than 40 mk (0.04°C), F#=1.0

• Powerful behavior analysis function, based on deep learning algorithm: Line crossing, Intrusion, Region Entrance & Exit

• Reliable temperature exception alarm function

• Advanced fire detection algorithm

• Bi-spectrum image fusion, picture in picture preview

Thermal Imaging Module Function

• 384 × 288 resolution sensor, high sensitivity sensor, support contrast adjustment

• Shutter adjustment in various modes

• 3D DNR, 15 palettes of color adjustable, image detail enhancement

• Mirror image, digital zoom ×2, ×4, ×8, and local output

Specifications

Thermal Module	
Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays
Max. Resolution	384 × 288
Pixel Interval	17µm
Response Waveband	8µm to 14µm
NETD	less than 40 mk (0.04°C), F#=1.0
Lens (Focal Length)	10 mm
MRAD	1.70 mrad
Field of View	37.7°× 28.7° (H × V)
Min. Focusing Distance	1.0 m
Aperture	F1.0
Optical Module	
Max. Image Resolution	1920 × 1080
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.002 Lux @(F1.5,AGC ON), B/W: 0.0002 Lux @(F1.5, AGC ON)
Shutter Speed	1s to 1/100,000s
Lens (Focal Length)	6 mm
Field of View	52.8° × 30.0°(H × V)
WDR	Digital WDR
Day & Night	IR cut filter with auto switch
Image Function	
Bi-spectrum Image Fusion	Fusion view of thermal view and overlaid details of the optical channel
Picture in Picture	Combins details of thermal and optical image PIP, overlay thermal image on optical image
Smart Function	
VCA (Video Content Analysis)	4 VCA rule types (Line Crossing, Intrusion, Region Entrance, and Region Exiting), up to 8 VCA rules.
Temperature Measurement	3 temperature measurement rule types, 21 rules (10 points, 10 regions, and 1 line).
Temperature Range	-20 °C to +150 °C (-4 °F to +302°F)
Temperature Accuracy	± 8 °C (± 14.4 °F)
Fire detection	Dynamic fire point detection, up to 10 fire points detectable.
Infrared	
IR Distance	Up to 40 m
IR Intensity and Angle	Automatically adjusted