Dual Spectrum Bullet Camera Datasheet

Product Description

This product has 96×72 pixel thermal imaging technology and a full-color high-sensitivity sensor, which can provide clear night monitoring and vivid visible light images.

Equipped with F1.0 ultra-large aperture lens and sound and light linkage alarm, it supports a variety of safety monitoring functions and is suitable for various outdoor environments.

Product Features

➢ Thermal imaging resolution: 96 × 72 pixels, with a pixel size of 12 μm, achieving a NETD<55 mK (25°C, F1.0).

➢ Utilizes a high-sensitivity sensor capable of capturing visible light, providing full-color grade imaging.

➢ Equipped with a constant F1.0 super large aperture lens for clear video input and colorized pictures in all weather conditions.

➢ Features support for area intrusion detection, border crossing detection, entering detection, leaving detection, and other functions.

➢ Offers sound and light linkage warning with alarm activation through sound and white light flashing.

➢ Supports dual-light fusion technology to enhance imaging capabilities.

➢ Provides thermal imaging AGC modes including linear, histogram, and adaptive modes.

➢ Incorporates features such as DDE (Digital Detail Enhancement) and 3D DNR (Digital Noise Reduction) for improved image quality.

➢ Designed with high reliability in mind, featuring an IP67 dustproof and waterproof rating.

NEUR◈N

Dual Spectrum Bullet Camera Datasheet

☀ Specifications

Sensor Type	Vanadium Oxide non-cooled Detector
Thermal Imaging Resolution	96× 72
Pixel Size	12µm
Thermal Imaging Focal Length & Field of View	2mm,25°×18.75
Maximum alarm distance of human （1.8 meters *0.5meters prevail）	30m
Maximum alarm distance for vehicle （4m*1.4m)	90m
Sensor	1/1.8" Progressive Scan CMOS
Maximum image resolution	2688× 1520
Minimum Illumination	Color:0.0005Lux @(F1.0, AGC ON),0Lux with Light
Alarm Input	Supports 2-channel DC 0 ~ 5 V alarm input
Network Port	1RJ45 interface 10/100M adaptive Ethernet port
Operating Temperature and Humidity	-40°C ~ 70 °C, ≤95% RH
Protection	IP67
Power Supply	12VDC ±25%:0.7A, Max.8.5 W
Size	214.2mm ×85.3mm ×85.3mm

NEUR☀N