2816-18/2818-18

Full HD PoE PTZ Camera

Key Vaule Highlight

- High definition image detail
The user can see through the objects 100 meters far away with high power zoom capability. Allocate all 2 megapixel to a specific area can make the image extremely clear.

- Preset and sequence
The user can set 2816-18 camera automatic moving around the preset positions to guard different surveillance points on the field.

- Moving object capturing
2816-18 camera is capable of capturing moving objects and deliver less blurry image which is value for entrance or exit.

- Night vision
The 2816-18 camera can capture clear image at night with its built-in high power infrared LEDs.

- Waterproof
The users can deploy the 2816-18 camera in the harsh environment outside perimeter with heavy wind, rain, and snow.

- Simple and professional setup.
The users can easily test the camera on the field with its hang-up conjunction box. POE function allows single cable to carry the power and network to the camera. The power will be separated from the network cable.

Typical Application

Headquarter office

Hotel

Logistics Center

Retail

convenience store

and others

GOLBONG

Specification

Camera Day/Night

Imager	1/2.8 Type SONY Exmor CMOS Sensor
Effective Picture Elements	Effective: Approximately 2.3 megapixels Delivered: Approximately 2 megapixels
Lens	2816-18: 20x Zoom (4.7~94mm) 2818-18: 30x Zoom (4.3~129mm)
Sensitivity	IR OFF IR ON 0.2Lux 0Lux
Focus	Automatic with manual override
Iris	Automatic with manual override
Digital Noise Reduction	3DNR
WDR enhancement	On/Off
Gain Control	Auto/Manual/Max.
Synchronization	internal crystal
Digital Zoom	N/A
Signal-to-Noise Ratio (SNR)	>50 dB
White Balance	Auto/On/Off

Mechanical

Pan Range	360° cont.
Tilt Angle	1° above horizon
Variable Speed	0.01°/s-300°/s
Pre-position Speed	360°/s
Preset Accuracy	± 0.01° typ.

Electrical

Input Voltage	DC12V/PoE+
Power Consumption, typical	25W

Software Control

Camera Setup	Via Internet Explorer Web browser version 7.0 or later, Golbong Operation software
Supported Languages	Arabic, Portuguese, English, French, Deutscher, Russian, HUNGARIAN, ITALIAN, Japanese, POLAND, Roman, Chinese, Spanish, Turkish, SUOMI
Software Update	Firmware upload

Network

Standards	2816-18: H.264 2818-18: H.265/H.264
Streaming	Two (2) independent streams: Main streams & Sub Stream
Data Rate	512 kbps to 8 Mbps
Overall IP Delay	250 ms
Resolution	Resolution (Horizontal x Vertical, PAL/NTSC)
• 1080p	1920x1080@25 fps; 1280x720@25 fps
• 4CIF/D1	704 x 576 @ 25 fps
Ethernet	10-Base T/100 Base-TX, auto-sensing, half/full duplex, RJ45
Protocols	HTTP, TCP/IP, ARP, RTSP, RTP, UDP, SMTP, FTP, DHCP, DNS, DDNS, PPPOE, UPNP, NTP, 802.1x

Miscellaneous

Operation	Hot-key (Preset)
Pre-positions	80
Preset Tours	5 (fie), consisting of up to 8 preset each, consecutively
Auto Pan	Yes
Guard Action	Preset/tour

User Connections

Power Camera	DC48V, 1.5A
Video and Control	RJ-45 100 Base-TX Ethernet

Environmental

Design Rating	IP66
Operating Temp.	–35°C to 55°C
Storage Temp.	–40°C to 60°C

Construction
Dimensions

Weight	3.2kg
Bubble Size	153.1 mm diameter

Construction Material

Housing	Cast aluminum
Bubble	Polycarbonate (rugged)
Standard Color	White

Ordering Information

PoE IP PTZ camera, 20X Optical zoom	2816-18
PoE IP PTZ camera, 30X Optical zoom	2818-18