

2816-34

White light Digital Wireless Cow Camera System - 1080p HD IP Camera



Key Vaule Highlight

- Smart phone Accessing

The user can pan/tilt/zoom the camera thru smart phone via app.

- High definition image detail

20x optical power zoom and 2-megapixel 1080p resolution deliver the video with clear detail.

- Wireless setup.

The 2816-34 camera can works with WIFI bridge (NOT included) to build the wireless connectino up to 5km

- Super night vision

The 2816-34 camera can project up to 300 meters its built-in high power infrared LEDs.

- Waterproof

The users can deploy the 2816-34 camera in the harsh environment outside perimeter with heavy wind, rain, and snow.

Typical Application

Livestock & cow watching

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	20x optical Zoom (4.7~94mm)
Sensitivity	IR OFF IR ON 0.1Lux 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
Night vision	
Distance	300 m
LED	3 group laser IR array, 850 nm
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	DC24V/PoE+ (optional)
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	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	OSD menu or hot key
Pre-positions	255
Preset Tours	4 (fie), consisting of up to 8 preset each, consecutively
Auto Pan	Yes
Guard Action	Preset/tour/two point scan
User Connections	
Power Camera	DC24V or DC48V, 1.5A (optional)
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
Dimensions	
Weight	3.2kg
Bubble Size	153.1 mm diameter
Construction Material	
Housing	Cast aluminum
Bubble	Polycarbonate (rugged)
Standard Color	White
Ordering Information	
Cow Monitoring Camera System	2816-30

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