

DDZ3018A-DN



High-speed PTZ dome camera with 18x optical zoom (Day/Night)

- The DDZ3018A-DN is a HiRes high-speed PTZ colour dome camera

Features:

- 1/4" ExView HAD CCD* sensor
- Pure Digital Signal Processing
- HiRes zoom lens with F1.4-F3.0 and f= 4.1-73.8mm
- 18x optical zoom and additional 12x digital zoom
- High sensitivity for low-light images at F1.4, 50IRE: 0.7 lux and (-DN) 0.01 lux
- ICR function for Day/Night switching
- Enhanced image quality by means of numerous control functions like AWB, AGC, BLC and slow shutter
- Auto-focus with manual override
- High-performance Pan/Tilt/Zoom mechanism
- 248 programmable preset positions, 12 programmable guard tours
- 8 alarm inputs and 2 relay outputs
- Configuration and control via RS485 interface

Options

- Tinted bubble
- Outdoor/Indoor weather-proof housing -IP67-
- Weather-proof housing -IP67- with fan/heater
- Sun shield for weather-proof housing
- In-ceiling mount kit
- Wall mount bracket (black, ivory)
- Wall mount bracket for weather-proof housing
- Ceiling mount bracket for weather-proof housing
- Power supply unit 110-240V on 24V AC
- VSC-1 Video System Controller

Item number

- 200.401.7

DDZ3018A-DN

Technical specifications

Sensor	1/4" ExView HAD CCD* sensor
Signal Processing	Digital Signal Processing
Dynamic range	42 dB
Video capture	25 fps/30 fps (PAL / NTSC)
Transfer format	Interlaced
Active pixel elements	PAL: 752 H x 582 V Pixel NTSC: 768 H x 494 V pixel
Horizontal resolution	470 H TV -Lines
B/W and colour mode	Automatic / manual
Day/Night functionality	Mechanical ICR function for Day/Night switching
Light sensitivity	At F1.4, 50 IRE: 0.7 lux, (-DN) 0.01 lux
Zoom	Optical: 18x Digital: 12x
Focus	Auto-focus with manual override
Slow Shutter	PAL : 1/3 ~ 1/10.000 (in 20 steps); NTSC : 1/4 ~ 1/10.000 (in 20 steps)
Signal to noise ratio (SNR)	> 50dB
Backlight compensation (BLC)	ON / OFF
AGC	Automatic / manual, -3 to 28 dB in 2 dB steps
Gamma correction	Fixed
Adjustable white balance	ATW, AWC, MWB (2000 K to 10.000 K)
Synchronisation	Internal, AC Line Lock
Configuration	OSD: via PTZ controller, Recorder, Pview
Languages	English
Video format	PAL / NTSC
Signal format (Video)	CVBS, 75 Ohm
Alarm/ Relay	8 Programmable alarm inputs and 2 relays outputs
Privacy zone	8 zones

Functions

Pan	360° Endless
variable speed	0.1° to 90°/s
Preset speed	Pan: 380°/s, +/- 0.10° accuracy Tilt: 150°/s, +/- 0.05° accuracy
Programmable preset positions	248 positions
Programmable tours	12 (8 Tours, 4 Pattern)

Lens specifications

Iris range/ focus length range	F1.4 - F3.0/ 4.1 - 73.8 mm
Iris control	DC auto iris
Horizontal angle of view	Wide end: 48° Tele end: 2,8°

Interfaces

Video output	BNC
Serial	RS 485, RS 422
Control protocols	Pelco D

Further specifications

Power supply	24 V AC +/- 5% (50Hz/60Hz)
Power consumption	Max. 18 W (1Am)
Dimensions	Ø 148 x H 194 mm
Weight	Approx. 1.5 Kg
Temperature	Indoor: 0° - 50°C; outdoor: -40° to 50°C
Approvals/Certifications	CE EMC, FCC Class A