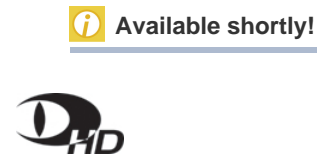


DDZ4010-YY/HS/HD
DOMERA®



DOMERA® is a modular high-speed PTZ dome system.

The high-resolution high-definition Cam_inPIX® colour dome camera DDZ4010-YY/HS/HD with 10x optical zoom is available in different mounting variants (in-ceiling, surface, weather-proof).

- 1/3" full high-definition CMOS sensor with Cam_inPIX® technology
 - Pure Digital Signal Processing
 - High definition high-speed PTZ dome with 10x optical zoom
 - Additional 12x digital zoom
 - ICR function for Day/Night switching
 - Enhanced image quality by means of numerous control functions like AWB, AGC, BLC and extended slow shutter
 - Auto-focus with manual override
 - Resolution: SD, HD (720p, 1080i, 1080p) frame rate up to 50 fps ¹⁾
 - Video compression: MJPEG, H.264
- Simultaneous tristreaming: H.264 HD, H.264 SD, MJPEG HD or MJPEG SD
 - Frame rate and bit rate of each stream freely selectable
 - Motion detection with selectable sensitivity integrated
 - High-performance Pan/Tilt/Zoom mechanism
 - 248 programmable preset positions, 16 programmable tours
 - Three mounting appliances with integrated IP I/O interface available: in-ceiling, surface and weather-proof variant
 - Easy and quick installation
 - DIN EN 50130-4 compliant

¹⁾ Depending on the resolution

Variants	
Item number	
200.03.025	DDZ4010-IM/HS/HD HD-DOMERA® HDTV / Day-Night / 10x optical zoom / high definition / high-speed / clear bubble / in-ceiling mount variant
200.03.026	DDZ4010-SM/HS/HD HD-DOMERA® HDTV / Day-Night / 10x optical zoom / high definition / high-speed / clear bubble / surface mount variant
200.03.027	DDZ4010-WM/HS/HD HD-DOMERA® HDTV / Day-Night / 10x optical zoom / high definition / high-speed / clear bubble / weather-proof variant

Options	
Item number	
200.401.4.51.02	Ceiling mount bracket, for weather-proof housing / white
200.401.4.52.02	Wall mount bracket, for weather-proof housing / white
200.401.4.53.02	Corner bracket, for wall mount bracket for weather-proof housing / white
200.401.4.54.02	Pole bracket, for wall mount bracket for weather-proof housing / white
200.622	Wall mount bracket, for PTZ domes surface mount variant / black
129.303	VSC-1 (Video System Controller), for the control of analogue cameras at the recorder
200.510	DPU-480W Dallmeier Power Supply Unit, 24/28V AC for the supply of up to 20x cameras
200.450.008	DDZ40WM-HD weather-proof housing, high-definition / weather-proof mount variant / white / clear bubble
200.452	DDZ40IM-HD BackBox, high-definition / in-ceiling mount variant / white cover ring / clear bubble
200.453	DDZ40SM-HD BackPlate, high-definition / surface mount / black / clear bubble
200.447.10.1.100	DDZ4010-SM/HS, HDTV / Day-Night / 10x optical zoom / black / high definition / high-speed / surface mount variant
200.447.10.2.100	DDZ4010-IM/HS, HDTV / Day-Night / 10x optical zoom / black / high definition / high-speed / in-ceiling mount variant

Technical specifications

Sensor	1/3" High-Definition CMOS Sensor
Signal Processing	Digital Signal Processing
Transfer format	Interlaced or Progressive Scan
Effective pixel elements	2.000.000 Pixels (2 MP)
B/W and colour mode	Automatic / manual
Day/Night functionality	Mechanical ICR function for Day/Night switching
Light sensitivity	At F1.8, 30 IRE: 2 lux; (-DN) 0.2 lux
Zoom	Optical: 10x, Digital 12x
Focus	Automatic, one push, manual
Flip function	Automatic
Shutter speed	1/2 to 1/10000 s (in 21 steps)
Signal to noise ratio (SNR)	>50 dB
Backlight compensation (BLC)	On/Off
Automatic gain control /AGC)	Automatic / manual, -3 to +18 dB in 8 steps
Einstellbarer Weißabgleich	Automatic
AE-Presets	6 Presets
Languages	English, Spanish, German
Motion detection (VMD)	With selectable sensitivity
Alarm notification	Via E-mail and ftp upload

Functions

Pan/ Tilt	360° endless / 0° - 180°
Variable speed	Pan:120°/s, tilt:120°/s (Turbo: 420°/s)
Preset speed	Pan: 420°/s, Tilt:420°/s +/- 0,1°accuracy
Programmable preset positions	248 positions
Programmable tours	16 (8 Tours, 8 Pattern)
Auto Scan, auto pan	16 scans, 1 pan

Lens specifications

Iris range/ focus length range	F 1.8 – F2.1/ f=5,1-51mm
Iris control	DC auto iris
Horizontal angle of view	Approx. 50° - 5,4°

Format

Video compression	H.264, MJPEG
Audio compression	G.722.1, MPEG-1 Layer 2
Frame rate	Up to 60 fps (depending on resolution),
Resolution	SD, HD (720p, 1080i, 1080p)
Video streaming	0.25 - 16 Mbps / 64 - 384 kbps

Interfaces

Video output	Streaming via Ethernet
Audio	2x 3.5 phone jack (Line IN / Audio OUT)
Control protocols	Dallmeier DCCP, Pelco D
Ethernet	1 x RJ45, 10/100 Mbps
Ethernet protocols	Unicast: IPv4, TCP, HTTP, IGMP, DHCP, ARP, NTP, UDP Multicast: UDP, RTP, RTCP
Video memory	64MB RAM ring storage (pre- and post alarm, network failure bypass)
Contact IN / relay OUT	3x IN / 1x OUT
Control	Tri-Streaming simultaneous H.264 HD, H.264 SD, MJPEG HD bzw. MJPEG SD with freely adjustable frame rates and bit rates of the individual streams

Further specifications

Video norm	HDTV
Voltage supply	24/28V AC +/- 10% (50/60 Hz)
Power consumption	DDZ4010-IM/HS/HD: max. 25 W DDZ4010-SM/HS/HD: max. 25 W DDZ4010-WM/HS/HD: max. 59 W
Dimensions	DDZ4010-IM/HS/HD: Ø 227 x H 250 mm DDZ4010-SM/HS/HD: Ø 150 x H 205 mm DDZ4010-WM/HS/HD: Ø 215 x H 329 mm
Weight	DDZ4010-IM/HS/HD: approx. 1912 g DDZ4010-SM/HS/HD: approx. 1245 g DDZ4010-WM/HS/HD: approx. 2869 g
Temperature	Indoor: -10° - 50°C; Outdoor: -30° - 50°C
Humidity -not condensing-	0% - 90%
IP-Rating	IP 67 (Only weather proof variant)
Approvals/Certifications	CE, FCC, UL, ACA, CB, DIN EN 50130-4