

DDZ4010-YY/HS/HD DOMERA®



Available shortly!



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 multi-streaming with freely selectable resolutions, frame rate and bit rate of each stream
- Integrated smart zoom functionality
 - Motion detection with selectable sensitivity integrated
 - High-performance Pan/Tilt/Zoom mechanism
 - Local video memory (USB/SD port)
 - Integrated 64MB RAM video buffer
 - 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 DOMERA® 1080p / Day-Night / 10x optical zoom / high definition / high-speed / clear bubble / in-ceiling mount variant
200.03.026	DDZ4010-SM/HS/HD DOMERA® 1080p / Day-Night / 10x optical zoom / high definition / high-speed / clear bubble / surface mount variant
200.03.027	DDZ4010-WM/HS/HD DOMERA® 1080p / 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
200.447.11.1.100	DDZ4010-SM/HS 720p, HDTV / Day-Night / 10x optical zoom / black / High-Definition / high-speed / surface mount variant
200.447.11.2.100	DDZ4010-IM/HS 720p, HDTV / Day-Night / 10x optical zoom / black / High-Definition / high-speed / in-ceiling mount variant

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Technical specifications

Sensor	1/3" High-Definition CMOS Sensor
Signal Processing	Digital Signal Processing
Transfer format	Interlaced or Progressive Scan (720p/50, 1080i/25, 1080p/50)
Effective pixel elements	Up to 1920 x 1080 (Full HD)
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
SmartZoom	Integrated

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 50 fps (depending on resolution),
Bit rate	Up to 16 Mbps (6 Mbps typical) / up to 384 kbps
Resolution	SD, HD (720p, 1080i, 1080p)
Video streaming	Multi-streaming simultaneous: H.264 and MJPEG with independently adjustable resolutions, frame and bit rates of the individual streams
Multi streaming frame rate	Up to 25 fps with maximal resolution

Interfaces

Line IN / Audio OUT	2x 3.5 phone jack (full-duplex, stereo)
Control protocols	Dallmeier DCCP, Pelco D
Ethernet	1 x RJ45, 10BASE-T/100BASE-TX-PoE
Ethernet protocols	Unicast: IPv4, TCP, HTTP, IGMP, DHCP, ARP, NTP, UDP Multicast: UDP, RTP, RTCP
Local video memory	Via integrated USB-/SD-port
Video buffer	64MB RAM ring storage (pre- and post alarm, network failure bypass)
Contact IN / relay OUT	3x IN / 1x OUT

Further specifications

Video norm	HDTV, SDTV (PAL/NTSC)
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