

4.0 Megapixel H.265 Vandal-proof IP Dome Camera with Autofocus and Infrared LEDs, Day/Night, WDR, 2592 x 1520p, IK10, IP66



IP


4MP
 2592 x 1520p
 2K

H.265
 H.265 Video
 Compression

2.8-12 mm
 Motorzoom

Infrared LEDs
 30 m (98 ft)

microSD
 (up to 128GB)

Alarm
 I/O

Vandalproof
 (IK10)

PoE
 12V DC

Product information

The compact Balter IP-D1443VR features a powerful 4.0 Megapixel CMOS sensor and an autofocus equipped 2.8 - 12 mm motorzoom lens inside a rugged metal housing. Even in absolute darkness, objects up to 30 m (98 ft) away are displayed clearly, owing to the infrared LEDs and Smart IR technology. The resulting 2K Image, twice the resolution of Full HD, is compressed via the state of the art H.265 codec cutting the storage space needed by nearly 50% while maintaining superior image quality. Combined with the support of microSD Cards up to 128GB, extended surveillance is effortlessly possible, while maintenance is reduced to a minimum. The IK10 and IP66 certified housing protects the camera against harsh weather, dust and vandalism, allowing flexible installation in any environment. Intelligent Video Analytics allows to automate image evaluation to a substantial extent. All the cameras numerous functions are easily accessed via an intuitively designed user interface.

IP-D1443VR

- 1/2.8" progressive scan CMOS sensor
- 4.0 Megapixel resolution: 2592 x 1520p
- H.265 / H.264 Image Compression Method
- 2.8-12mm Motorzoom Lens (IR) with Autofocus
- Smart Infrared LED's - up to 30m Night Vision
- Day/Night function with mechanical IR cut filter
- Time Exposure and Wide Dynamic Range 120dB
- Multi-Streaming and Intelligent Video Analytics
- microSD Card slot up to 128GB and FTP-Upload function
- Alarm Input/Output and Audio Input/Output
- Analog video output for service monitoring
- Weatherproof IP66 / IK10 camera housing, 3-axis
- 12V DC and Power over Ethernet (max. 11 W)

Specifications

Image Sensor	1/2.8" progressive scan CMOS
Maximum Resolution	4.0 Megapixels (16:10)
Active Pixels	2592 (H) x 1520 (V)
Frame Rate	20fps @ 2592 x 1520p (50Hz), 20fps @ 2592 x 1520p (60Hz)
Image Compression Method	H.265 / H.264
Minimum Illumination	Color: 0.2Lux (F1.2, 50IRE), 0.04Lux (F1.2, Time Exposure), B/W: 0Lux (IR-LED's on)
Infrared LED's	850nm wavelength; 28 Infrared LED's, Smart-IR
Illumination Range	30m (indoor) / 22m (outdoor)
Dynamic Range	120dB
Video Output (Service)	CVBS Video: 1 Vp-p, 75 ohm composite (BNC)
Lens	2.8 mm to 12 mm (F1.4)
Lens Type	Remote focus and zoom, Autofocus, Day/Night (IR)
Viewing Angle	93.20° to 22.60° (horizontal), 68.50° to 17.00° (vertical)
Day/Night	Auto (ICR) / Color / B/W
Backlight Compensation	Low / Middle/ High / Off
Wide Dynamic Range	On / Off (Level 1 to 250)
Multi-Level Noise Reduction	Auto / Manual / Off (Level 1 to 255)
Time Exposure	1/5 to 1/20.000
White Balance	Auto / Indoor / Manual
Gain Control	Low / Middle/ High / Off
Additional Settings	Camera Title, Defog, Brightness, Contrast, Saturation, Sharpness, Flicker Control
Electronic Shutter Speed	Auto / Manual
Motion Detection	900 zones, Sensitivity and Threshold adjustable
Privacy Masking	4 programmable zones, any size
Region of Interest	Area and ROI level, Multi-Stream selection
Intelligent Video Analytics	Perimeter protection, Line Crossing Detection, Lost and found objects
Video Streaming	Triple Stream (MainStream, SubStream and MobileStream)
Streaming Method	Unicast / Multicast
Streaming Protocols	IPv4, DNS, DDNS, NTP, RTSP, RTP, RTP/UDP, RTP/UDP Multicast, RTP/RTSP/TCP, TCP/IP, UDP, HTTP, HTTPS, IGMP, ICMP, DHCP, Zeroconf, ARP, QoS, FTP, SMTP, PPPoE, UPnP, Bonjour
Peer-to-Peer	P2P connection via QR code
Max. User Access	10 users simultaneous access
WebViewer	Internet Explorer (PC), Mozilla Firefox (PC), Apple Safari (Mac OS X)
Security	User Group Management, Password Protection, User Access Protocol
Additional Camera Features	Pre and Post Record., File upload via FTP, Notification via E-mail, Snapshot, Mirror, Schedule
Languages	English, German, Russian
Body Color	White
Camera Adjustment	3-axis (Wall and Ceiling Mounting)
Onboard Storage	Max. 128GB microSD card
Application Programming Interface	ONVIF
Audio I/O	1x Input, 1x Output (mini-jack 3.5mm), G.711 compression method
Alarm I/O	1x Input 1x Output
Ethernet	RJ-45 (10/100/1000M Ethernet interface)
Ingress Protection / Vandal Protection	IP66 / IK10
Operating Temperature / Humidity	-30°C to +55°C / 0% to 90% (non-condensing)
Input Voltage / Power Consumption	12V DC or PoE (IEEE 802.3af compatible) / Max. 11 W
Dimensions (Ø x H)	145 x 120 mm
Weight	1140g

IP

