

Basler ace acA1920-48gc Color GigE Camera



Basler ace GigE Cameras



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Video Output:
GigE (PoE)

Type:
Color Camera

Manufacturer:
Basler

Mounting Threads: 1/4-20 with Tripod Mount Adapter #88-517
Camera Family: ace
Model Number: acA1920-48gc
Imaging Sensor: ON Semi PYTHON 2000
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 2/3"
Resolution (MegaPixels): 2.30
Pixels (H x V): 1,920 x 1,200
Pixel Size, H x V (µm): 4.8 x 4.8
Sensing Area, H x V (mm): 9.22 x 5.76
Frame Rate (fps): 50.00
Pixel Depth: 10 bit
Exposure Time: Programmable via camera API, hardware trigger
Connector: GigE, RJ45 with Screw Locks
Power Supply: Power Supply Required and Sold Separately. USA: #68-466 Europe: #68-466 Japan: #68-466 Korea: #68-466 China: #68-466
Power Consumption (W): 3.3 (12VDC External Power Supply) 3.7 (PoE)
GPIOs: 1 opto-coupled input line, 1 opto-coupled output line, 1 general purpose I/O (GPIO) line
Synchronization: Hardware Trigger (GPIO), Software Trigger, or Free-Run
Dimensions (mm): 42 x 29 x 29 (excludes connectors and lens mount)
Weight (g): 90
Mount: C-Mount
Housing: Full
Interface Port Orientation: Back Panel
Dynamic Range (dB): Not Specified
Operating Temperature (°C): 0 to +50
Storage Temperature (°C): -20 to +80
GPIO Connector Type: 6-pin Hirose (HR10)
Machine Vision Standard: GigE Vision, GenICam

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant

