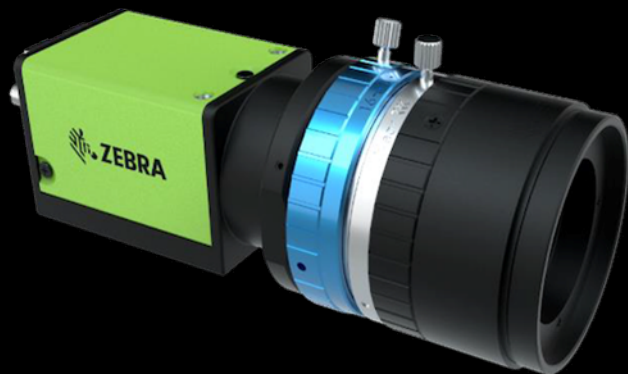


Technical Accessory Guides (TAGs) ZEBRA

CV60 Machine Vision Camera

For Associates, Resellers, ISVs and Alliance Partners

Global



Version: Active Only

Will only show products that are known to be available for sale

Need to provide an update or change?
Contact
tb3655@zebra.com



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Communication Cables

Ethernet Cables

Part Number	Picture	Description	Notes	Required Items
CBL-ENT00500-R4501 (5M, 16 ft. length) CBL-ENT01000-R4501 (10M, 32 ft. length)		Ethernet Cable, Locking RJ45 to RJ45	▶ Locking RJ45 connector to RJ45 connector ▶ CAT6 cable supports POE for powering CV60.	
CBL-ENT00500-R4500 (5M, 16 ft. length) CBL-ENT01000-R4500 (10M, 32 ft. length)		Ethernet Cable, Locking RJ45 to M12	▶ Locking RJ45 connector to 8-pin X-coded M12 connector used by some industrial controllers. ▶ CAT6 cable supports POE for powering CV60.	

GigE Vision Cables (for connection to Vision Controllers)

Part Number	Picture	Description	Notes	Required Items
CBL-ENT00200-R4501 (2M, 6.5 ft. length) CBL-ENT00500-R4501 (5M, 16 ft. length) CBL-ENT01000-R4501 (10M, 32 ft. length) CBL-ENT02000-R4501 (20M, 65 ft. length)		GigE Cable, Locking RJ45 to RJ45	▶ Locking RJ45 connector to RJ45 connector ▶ Cable supports POE for powering CV60. ▶ Cable is typically used for connecting CV60 to Vision Controllers (i.e. EV6, EV7, etc.)	

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Lens				
Part Number	Picture	Description	Notes	Required Items
LENS-U0800-0100		8mm Focal Length Lens	► Large format lens typically used on 8.9MP and higher CV60 units. ► C-Mount lens, uses 55 mm filter thread	
LENS-U1200-0100		12mm Focal Length Lens	► Large format lens typically used on 8.9MP and higher CV60 units. ► C-Mount lens, uses 35.5 mm filter thread	
LENS-U1600-0100		16mm Focal Length Lens		
LENS-U2500-0100		25mm Focal Length Lens		
LENS-U3500-0100		35mm Focal Length Lens		
LENS-M0800-0100		8mm Focal Length Lens	► Typically used on 5MP and lower CV60 configurations. ► Compatible with CV60 or FS70/VS70 series. ► C-Mount lens, uses 25.5 mm filter thread	
LENS-M1200-0100		12mm Focal Length Lens		
LENS-M1600-0100		16mm Focal Length Lens		
LENS-M2500-0100		25mm Focal Length Lens		
LENS-M3500-0100		35mm Focal Length Lens		

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Filters				
Internal Installation Filters (in between C-Mount lens and imager)				
Part Number	Picture	Description	Notes	Required Items
FLTR-BP635-25400		Red Bandpass Filter	▶ Reduces contribution of ambient light. ▶ Typically used with Red LED lighting to optimize image capture. ▶ For use between C-mount lens and imager - helpful in applications with space constraints. ▶ 635 nm ▶ 25.4 mm	
FLTR-BP470-25400		Blue Bandpass Filter	▶ Reduces contribution of ambient light. ▶ Typically used with Blue LED lighting to optimize image capture. ▶ For use between C-mount lens and imager - helpful in applications with space constraints. ▶ 470 nm ▶ 25.4 mm	
FLTR-BP850-25400		IR Bandpass Filter	▶ Reduces contribution of ambient light. ▶ Typically used with IR LED lighting to optimize image capture. ▶ For use between C-mount lens and imager - helpful in applications with space constraints. ▶ 850 nm ▶ 25.4 mm	
FLTR-BP550-25400		IR/UV Blocking Filter	▶ Reduces contribution of sunlight or other IR sources. ▶ Typically used with white lighting. ▶ For use between C-mount lens and imager - helpful in applications with space constraints. ▶ 550 nm ▶ 25.4 mm	

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55 MM Threaded Filters (installs on end of lens LENS-U0800-0100)

Part Number	Picture	Description	Notes	Required Items
FLTR-BP635-55000		Red Bandpass Filter	► Reduces contribution of ambient light. ► Typically used with Red LED lighting to optimize image capture. ► For use on C-mount lens. ► 635 nm ► 55 mm thread	
FLTR-BP470-55000		Blue Bandpass Filter	► Reduces contribution of ambient light. ► Typically used with Blue LED lighting to optimize image capture. ► For use on C-mount lens. ► 470 nm ► 55 mm thread	
FLTR-BP850-55000		IR Bandpass Filter	► Reduces contribution of ambient light. ► Typically used with IR LED lighting to optimize image capture. ► For use on C-mount lens. ► 850 nm ► 55 mm thread	
FLTR-BP550-55000		IR/UV Blocking Bandpass Filter	► Reduces contribution of sunlight or other IR sources. Only lets in visible light. ► Typically used with white lighting. ► For use on C-mount lens. ► 550 nm ► 55 mm thread	
FLTR-PZ120-55000		Ultra High Contrast Polarizer Filter	► NOT for use when IR image capture is required. ► Typically used designed to reduce glare, increase color saturation and improve overall image quality when inspecting highly reflective surfaces in harsh, high temperature environments. ► For use on C-mount lens. ► 55 mm thread ► Note: When using External lighting the light will require corresponding film to be applied.	

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35.5 MM Filter Thread (installs on end of lens LENS-U1200-0100 to LENS-U3500-0100)

Part Number	Picture	Description	Notes	Required Items
FLTR-BP635-35500		Red Bandpass Filter	▶ Reduces contribution of ambient light. ▶ Typically used with Red LED lighting to optimize image capture. ▶ For use on C-mount lens. ▶ 635 nm ▶ 35.5 mm thread	
FLTR-BP470-35500		Blue Bandpass Filter	▶ Reduces contribution of ambient light. ▶ Typically used with Blue LED lighting to optimize image capture. ▶ For use on C-mount lens. ▶ 470 nm ▶ 35.5 mm thread	
FLTR-BP850-35500		IR Bandpass Filter	▶ Reduces contribution of ambient light. ▶ Typically used with IR LED lighting to optimize image capture. ▶ For use on C-mount lens. ▶ 850 nm ▶ 35.5 mm thread	
FLTR-BP550-35500		IR/UV Blocking Bandpass Filter	▶ Reduces contribution of sunlight or other IR sources. Only lets in visible light. ▶ Typically used with white lighting. ▶ For use on C-mount lens. ▶ 550 nm ▶ 35.5 mm thread	

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FLTR-PZ120-35500		Ultra High Contrast Polarizer Filter	► NOT for use when IR image capture is required. ► Typically used designed to reduce glare, increase color saturation and improve overall image quality when inspecting highly reflective surfaces in harsh, high temperature environments. ► For use on C-mount lens. ► 35.5 mm thread ► Note: When using External lighting the light will require corresponding film to be applied.	
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25.5 MM Filter Thread (installs on end of lens LENS-Mxxxx-xxxx)

Part Number	Picture	Description	Notes	Required Items
FLTR-BP635-25500		Red Bandpass Filter	► Reduces contribution of ambient light. ► Typically used with Red LED lighting to optimize image capture. ► For use on C-mount lens. ► 635 nm ► 25.4 mm thread	
FLTR-BP470-25500		Blue Bandpass Filter	► Reduces contribution of ambient light. ► Typically used with Blue LED lighting to optimize image capture. ► For use on C-mount lens. ► 470 nm ► 25.4 mm thread	
FLTR-BP850-25500		IR Bandpass Filter	► Reduces contribution of ambient light. ► Typically used with IR LED lighting to optimize image capture. ► For use on C-mount lens. ► 850 nm ► 25.4 mm thread	
FLTR-BP550-25500		IR/UV Blocking Bandpass Filter	► Reduces contribution of sunlight or other IR sources. Only lets in visible light. ► Typically used with white lighting ► For use on C-mount lens. ► 550 nm ► 25.4 mm thread	

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FLTR-PZ120-25500		Ultra High Contrast Polarizer Filter	► NOT for use when IR image capture is required. ► Typically used designed to reduce glare, increase color saturation and improve overall image quality when inspecting highly reflective surfaces in harsh, high temperature environments. ► For use on C-mount lens. ► 25.4 mm thread ► Note: When using External lighting the light will require corresponding film to be applied.	
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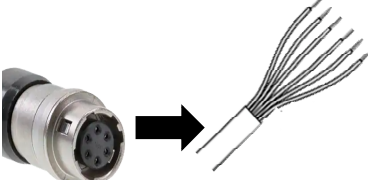
Power Supplies/Power Cords				
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Part Number	Picture	Description	Notes	Required Items
PWR-24V03A-0000		Power Supply, 24V DC, 3.3A	► DIN Rail Mount ► Screw Terminals ► 80W, 24-28V DC Output 100-240V AC Input ► Uses Allen Bradley 1606-XLE80E	Power Cable CBL-PWR0xxxx-FLY00
PWR-24V05A-0000		Power Supply, 24V DC, 5A	► DIN Rail Mount ► Screw/Spring Terminals ► 120W, 24-28V DC Output 100-240V AC Input ► Uses Allen Bradley 1606-XLE120E	Power Cable CBL-PWR0xxxx-FLY00

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PWR-POE30W-0000		Power Over Ethernet (POE) Injector	▶ IEEE 802.at (POE+) Compliant ▶ 30W, 55V DC Output 100-240V AC Input ▶ Supports up to 1000 Base-T applications ▶ Uses Microsemi PD-9501GR	▶ Ethernet Cable (CBL-ENT00500-M1200 or CBL-ENT01500-M1200) ▶ AC Line Cord (50-16000-221R or country specific version)
KT-POE30W-US00		Power Over Ethernet (POE) Injector KIT (for use in US)	▶ IEEE 802.at (POE+) Compliant ▶ 30W, 55V DC Output 100-240V AC Input ▶ Supports up to 1000 Base-T applications ▶ Uses Microsemi PD-9501GR ▶ KIT includes: - Power Over Ethernet (POE) Injector (PWR-POE30W-0000) - AC Line Cord for US (50-16000-221R)	▶ Ethernet Cable (CBL-ENT00500-M1200 or CBL-ENT01500-M1200)
PWR-POE60W-0000		Power Over Ethernet (POE) Injector	▶ IEEE 802.at (POE+) Compliant ▶ 60W, 55V DC Output 100-240V AC Input ▶ Supports up to 1000 Base-T applications ▶ Uses Microsemi PD-9501GC	▶ Ethernet Cable (CBL-ENT00500-M1200 or CBL-ENT01500-M1200) ▶ AC Line Cord (50-16000-221R or country specific version)
CBL-PWR00200-FLY00 (2M, 6.5 ft. length) CBL-PWR00500-FLY00 (5M, 16 ft. length) CBL-PWR01000-FLY00 (10M, 32 ft. length) CBL-PWR02000-FLY00 (20M, 65 ft. length)		Power Cable	▶ 6-pin female Hirose connector to flying leads ▶ Also provides 1 input and 1 output GPIO connection, both opto-isolated. ▶ Connects to 6-pin connector on CV60 	Power Supply PWR-24V-2A-0000 or PWR-24V05A-0000

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