

➤ *Camera Systems for
back-up safety and
all-round visibility*



Simple - (1) Select a monitor, (2) select one or more cameras, (3) select the cable lengths required.

Why Fit Brigade Backup Camera Systems?

Improve Safety

Reduce Cost:

- Reduce rear-end & side damage
- Reduce property damage
- Reduce risk of injury
- Reduce downtime
- Reduce management accident review time
- Let drivers see where they are maneuvering

Increase Productivity

- Reduce turnaround times
- Stop at the right location the first time
- Dock on to coupling the first time

PR

- Customer care
- Community care

Brigade Products:

- HALT tested to destruction of weakest link
- Supplied with new-for-old replacement warranty
- Specified by OEMs and major fleets
- Image mirror / normal switching

Monitors

- NTSC / PAL compatible
- One or more "triggers" to provide auto-on option when reverse gear engaged
- Anti-glare screen
- On Screen Display (OSD)
- Built in speaker
- 12/24 vdc in-put to the monitor
- Sun Shield (except VBV-650)

Cameras

- Electronic auto iris
- Power supplied to camera by monitor

Brigade systems do not require a "Control Box"

"Control" & "switching" box options available for increased functionality

Notes: dimensions exclude attachments.

7" TFT LCD Flat Color Screen Monitor

Waterproof, single, split, triple & quad screen options

800 Series Compatible

BE-970FM

**3 YEAR
WARRANTY**

- Screen: 7" widescreen (9:16)
- Split screen: Multi options
- Auto dimmer
- Electronic distance markers
- LED Backlighting for longer life
- Brightness: 500 cd/m²
- Viewing angles (sides, top, bottom): 60°, 40°, 60°
- Operating temperature (°F): -22 to 185
- # camera inputs: 4
- # auto triggers: 4
- AV input
- Image vertical/normal switching
- Volume adjustable by channel
- Mechanical vibration/shock: 20G/100G
- Heavy duty bracket
- Dust/waterproof IP 67
- Current/Power (Max) 1.2A/15W
- Dimensions (WxHxD): 7.88 x 5.4 x 1.19



5" TFT LCD Flat Color Screen Monitor

VBV-750BM

- Screen: 5" (3:4)
- Auto dimmer
- Electronic distance markers
- Brightness: 400 cd/m²
- Viewing angles (sides, top, bottom): 50°, 15°, 35°
- Operating temperature (°F): -4 to 158
- # camera inputs: 3
- # auto triggers: 3
- AV input option (via camera input)
- Mechanical vibration/shock: 10G/100G
- Current/Power (Max) .65 Amps/8W
- Dimensions (WxHxD): 5.82 x 4.3 x 1.05



**2 YEAR
WARRANTY**



7" TFT LCD Flat Color Screen Monitor

BE-870EM

**3 YEAR
WARRANTY**

- Screen: 7" widescreen (9:16)
- Auto dimmer
- Electronic distance markers
- LED Backlighting for longer life
- Brightness: 450 cd/m²
- Viewing angles (sides, top, bottom): 60°, 30°, 60°
- Operating temperature (°F): -22 to 176
- # camera inputs: 2
- # auto triggers: 2
- AV input
- Mechanical vibration/shock: 15G/100G
- Current/Power (Max) 1.25Amps/12W
- Dimensions (WxHxD): 7.76 x 5.32 x 1.19



7" TFT LCD Flat Color Screen Monitor

VBV-770M

**2 YEAR
WARRANTY**

- Screen: 7" widescreen (9:16)
- Auto dimmer
- Electronic distance markers
- Brightness: 450 cd/m²
- Viewing angles (sides, top, bottom): 60°, 30°, 60°
- Operating temperature (°F): -4 to 158
- # camera inputs: 3
- # auto triggers: 3
- AV input option (via camera input)
- Mechanical vibration/shock: 10G/100G
- Current/Power (Max) 1.25 Amps/10W
- Dimensions (WxHxD): 7.17 x 4.81 x 1.03



Cables

Model Description

Cables for Professional 800 Series, 300 Series & Mini Cameras

BE-L130	100' camera cable
BE-L120	66' camera cable
BE-L115	50' camera cable
BE-L110	33' camera cable
BE-L105	16' camera cable
BE-L1003	1' camera cable
BE-LX003	10' extension cable
BE-X005	16' extension cable
BE-X010	33' extension cable
BE-X015	50' extension cable
BE-X020	66' extension cable
BE-X025	82' extension cable

Cables for Value Series

VBV-L430	100' camera or extension cable
VBV-L420	66' camera or extension cable
VBV-L410	33' camera or extension cable
VBV-L405	16' camera or extension cable
VBV-L4025	8' camera or extension cable

PLC-1000 Pulse Power Line Communication System

PLC-1000	PLC - Transmitter and Receiver
PLC-1000T	PLC Transmitter only
PLC-1000R	PLC Receiver only

Value VBV-650 System

5" TFT LCD Flat Color Screen,
Single Camera

Monitor:

- Screen: 5" (3:4)
- Brightness: 400 cd/m²
- Operating temperature (°F): 14 to 140
- # camera inputs: 1
- # auto triggers: 1
- AV input
- Mechanical vibration/shock: 10G/100G
- Current/Power (Max) .65 Amps/8W
- Dimensions (WxHxD): 5.79 x 4.3 x 1.22

Camera:

- Operating temperature (°F): -22 to 176
- LEDs: 10
- Minimum illumination: 0.1 Lux
- Angle of view (HxVxD): 96°, 72°, 120°
- Pixels: 266,664
- Mechanical Vibration/Shock: 15G/100G
- Dust/Waterproof rating: IP 68
- Format: PAL
- Dimensions (HxWxD)": .095 x 1.22 x 1.38



**1 YEAR
WARRANTY**

Color Camera with Audio

800 Series
Compatible

BE-970 C



- Microphone
- Operating Temp °F: -22 to 176
- LEDs: 6 x High Power
- Minimum illumination: 0.1 Lux
- Backlight compensation (BLC)
- Auto White Balance (AWB)
- Angle of view (HxVxD): 95°, 72°, 125°
- CCD: Sony 1/3" Super HAD Color
- DSP: Sony
- Heater: Auto @ 32°F
- Pixels: 250,920
- Resolution: 420 TV lines
- Mechanical Vibration/Shock: 20 G/100 G
- Dust/Waterproof rating: IP 68
- Format: NTSC
- Dimensions (HxWxD)": 2.37 x 2.72 x 2.41

**3 YEAR
WARRANTY**

Color Narrow-View Camera with Audio

40 Degree
option available

BE-801C



- Microphone
- Operating Temp °F: -22 to 176
- LEDs: 5 x High Power
- Minimum illumination: 0.1 Lux
- Backlight compensation (BLC)
- Auto White Balance (AWB)
- Angle of view (HxVxD): 104°, 78°, 130°
- CCD: Sony 1/3"
- DSP: Sony
- Heater: Auto @ 32°F
- Pixels: 270,000
- Resolution: 330 TV lines
- Mechanical Vibration/Shock: 20G/100G
- Dust/Waterproof rating: IP 68
- Format: NTSC
- Dimension (HxWxD)": 2.81 x 3.11 x 3.46

**3 YEAR
WARRANTY**

Color Flush Mount Camera

700 & 800 Series
Compatible

BE-300C Series



- Operating Temp °F: -22 to 167
- Minimum illumination: 0.1 Lux
- Backlight compensation (BLC)
- Auto White Balance (AWB)
- Angle of view (HxVxD): 95°, 72°, 125°
- Lens, stay clean
- CCD: Sony 1/3" Super HAD Color
- DSP: Sony
- Pixels: 250,920
- Resolution: 380 TV lines
- Mechanical Vibration/Shock: 20 G/100 G
- Dust/Waterproof rating: IP 68
- Format: NTSC
- Dimension (HxWxD)": 1.61 x 1.77 x 2.40

**3 YEAR
WARRANTY**

300C Model Options:

A2109 BE-310C Left Low-Mount Side View
A2110 BE-311C Right Low-Mount Side View
A2111 BE-312C Rear View Side View
A2112 BE-313C Front or High-Mount Side-View
F2113 BE-314C Ceiling-Mount

Value Color Ultra-Low-Light Camera

VBV-701C



- Microphone
- Operating Temp °F: -4 to 158
- LEDs: 18
- Minimum illumination: 0.1 Lux
- Backlight compensation (BLC)
- Auto White Balance (AWB)
- Angle of view (HxVxD): 98°, 75°, 120°
- CCD: Sharp 1/3"
- DSP: Sharp
- Pixels: 251,904
- Resolution: 420 TV lines
- Mechanical Vibration/Shock: 15 G/100 G
- Dust/Waterproof rating: IP 67
- Format: NTSC
- Dimensions (HxWxD)": 1.74 x 2.84 x 2.13

**2 YEAR
WARRANTY**

Value Color Ultra-Low-Light Cylinder Camera

700 Series Compatible

VBV-481C



- Operating Temp °F: -4 to 158
- LEDs: 12
- Minimum illumination: 0.1 Lux
- Backlight compensation (BLC)
- Auto White Balance (AWB)
- Angle of view (HxVxD): 87°, 75°, 120°
- CCD: Sharp
- DSP: Sharp
- Cylinder / Flush mount
- Pixels: 250,920
- Resolution: 420 TV lines
- Mechanical Vibration/Shock: 6.5 G/100 G
- Dust/Waterproof rating: IP 67
- Format: NTSC
- Dimensions": 1.97 x 1.38 (diameter)
- Thread 1.22"

**2 YEAR
WARRANTY**

Ultra Compact Camera

BE-500C



- Operating Temp °F: -22 to 176
- Minimum illumination: 0.1 Lux
- Backlight compensation (BLC)
- Auto White Balance (AWB)
- Angle of view (HxVxD): 110°, 80°, 158°
- CCD: Sharp 1/4"
- DSP: Sharp
- Ultra compact
- Pixels: 266,664
- Resolution: 380 TV lines
- Mechanical Vibration/Shock: 15G/100G
- Dust/Waterproof rating: IP 68
- Format: PAL
- Dimensions (HxWxD)": .095 x 1.22 x 1.38

**1 YEAR
WARRANTY**



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