


BOSCH

Invented for life

KBN and KBE Series Prepackaged Cameras



- ▶ **General purpose, high performance, and Day/Night cameras**
- ▶ **Network and analog cameras**
- ▶ **Various lens options available**
- ▶ **Bilinx bi-directional communication**
- ▶ **Indoor or outdoor versions (Outdoor IP66 enclosure rating)**
- ▶ **Camera and lens are pre-wired into a Bosch housing**
- ▶ **Plug and Play design includes feed-through mount and 1.5 m (5 ft) of cabling**
- ▶ **Coax, Fiber, UTP, and IP outputs**
- ▶ **IP models with Tri-streaming: Dual H.264 and M-JPEG simultaneously**
- ▶ **IP models feature local storage for flexible recording**

The KBN and KBE Series Prepackaged Cameras are complete surveillance systems that are quick and easy to install thanks to their plug-and-play design. Each system includes a factory-installed camera (from Bosch's signature line of Dinion, DinionXF, or Dinion 2X models), a varifocal lens (with adjusted back-focus), a coax cable (for analog cameras) or Ethernet cable (for IP cameras), and a power cable (1 1/2 m or 5 ft) pre-wired into the housing. The housing includes a feed-through wall-mount. (The housing of outdoor models has an IP66 rating.)

Superior image quality

The KBN and KBE Series cameras deliver unsurpassed picture performance under even the most difficult light and scene conditions. The 20-bit digital video processing in the Dinion 2X Day/Night camera series enhances sensitivity; the 2X Dynamic extends the dynamic range. This unique combination provides a sharper, more detailed image with outstanding accuracy in color reproduction even under harsh light conditions.

Network-based control and configuration

Dinion IP network cameras are designed to ensure the highest possible image quality at all times, providing DVD-like, high-quality MPEG-4 video, at up to 30 images per second. True hybrid cameras, they have an Ethernet connection for network video and a BNC connection for analog video.

IP models are ONVIF conformant devices that are able to exchange live video, audio, metadata, and control information. They have dual H.264 encoding streams that create DVD-quality streaming video at ultra-low bit rates, as well as a simultaneous M-JPEG stream, that minimize bandwidth and storage usage. They also feature the Motion+ video motion analysis system that is based on pixel change and includes object size filtering capabilities and sophisticated tamper-detection capabilities. The Intelligent Video Analysis (IVA) option, activated by a separate license, uses multilevel image analysis of pixels, texture, and object direction.

Each camera is equipped with Bosch's innovative Bilinx bi-directional communication for remote programming. Bilinx uses standard video cable to transmit alarm and status messages, providing superior performance and simplified installation. The IP cameras also support local recording on a microSD card. This can be used for local alarm recording or for Automatic Network Replenishment (ANR) to improve the overall reliability of video recording.

Ease of installation and servicing

Camera packages are also available with transmitters for sending video signals over fiber optic or unshielded twisted pair (UTP) cable.

Everything about the KBN and KBE Series Prepackaged Cameras, from the installer-friendly design to the wide range of options, makes them an ideal solution for every surveillance application.

System Overview

Model No.	Camera Type	Lens	Mount	Description
COLOR 1/3 in. STANDARD RESOLUTION, 24 VAC, 60 Hz, NTSC				
KBN-435V28-20	LTC 0435/20	LTC 3364/50	LTC 9215/00S	Indoor, 2.8-10 mm lens
KBE-435V28-20	LTC 0435/20	LTC 3364/50	LTC 9215/00	Outdoor, 2.8-10 mm lens
KBN-435V55-20	LTC 0435/20	LTC 3374/50	LTC 9215/00S	Indoor, 5-50 mm lens
KBE-435V55-20	LTC 0435/20	LTC 3374/50	LTC 9215/00	Outdoor, 5-50 mm lens
COLOR 1/3 in. HIGH RESOLUTION, 24 VAC, 60 Hz, NTSC				
KBN-455V28-20	LTC 0455/21	LTC 3364/50	LTC 9215/00S	Indoor, 2.8-10 mm lens
KBE-455V28-20	LTC 0455/21	LTC 3364/50	LTC 9215/00	Outdoor, 2.8-10 mm lens
KBN-455V55-20	LTC 0455/21	LTC 3374/50	LTC 9215/00S	Indoor, 5-50 mm lens
KBE-455V55-20	LTC 0455/21	LTC 3374/50	LTC 9215/00	Outdoor, 5-50 mm lens
COLOR 1/3 in. HIGH RESOLUTION, HIGH SENSITIVITY, 24 VAC, 60 Hz, NTSC				
KBN-485V28-20	LTC 0485/21	LTC 3364/50	LTC 9215/00S	Indoor, 2.8-10 mm lens
KBE-485V28-20	LTC 0485/21	LTC 3364/50	LTC 9215/00	Outdoor, 2.8-10 mm lens
KBE-485V28-20F	LTC 0485/21	LTC 3364/50	LTC 9215/00	Outdoor, 2.8-10 mm lens, Fiber Optic
KBE-485V28-20U	LTC 0485/21	LTC 3364/50	LTC 9215/00	Outdoor, 2.8-10 mm lens, UTP
KBN-485V55-20	LTC 0485/21	LTC 3374/50	LTC 9215/00S	Indoor, 5-50 mm lens

Model No.	Camera Type	Lens	Mount	Description
KBE-485V55-20	LTC 0485/21	LTC 3374/50	LTC 9215/00	Outdoor, 5-50 mm lens
KBE-485V55-20F	LTC 0485/21	LTC 3374/50	LTC 9215/00	Outdoor, 5-50 mm lens, Fiber Optic
KBE-485V55-20U	LTC 0485/21	LTC 3374/50	LTC 9215/00	Outdoor, 5-50 mm lens, UTP
COLOR 1/2 in. HIGH RESOLUTION, HIGH SENSITIVITY, 24 VAC, 60 Hz, NTSC				
KBE-610V75-20	LTC 0610/21	LTC 3274/41	LTC 9215/00	Outdoor, 7.5-75 mm lens
KBE-610V75-20F	LTC 0610/21	LTC 3274/41	LTC 9215/00	Outdoor, 7.5-75 mm lens, Fiber Optic
KBE-610V75-20U	LTC 0610/21	LTC 3274/41	LTC 9215/00	Outdoor, 7.5-75 mm lens, UTP
KBE-610V41-20	LTC 0610/21	LTC 3764/20	LTC 9215/00	Outdoor, 4-12 mm lens
KBE-610V41-20F	LTC 0610/21	LTC 3764/20	LTC 9215/00	Outdoor, 4-12 mm lens, Fiber Optic
KBE-610V41-20U	LTC 0610/21	LTC 3764/20	LTC 9215/00	Outdoor, 4-12 mm lens, UTP
DAY/NIGHT 1/3 in. HIGH RESOLUTION, 24 VAC, 60 Hz, NTSC				
KBN-498V28-20	LTC 0498/21	LTC 3664/40	LTC 9215/00	Indoor, 2.8-10 mm lens
KBE-498V28-20	LTC 0498/21	LTC 3664/40	LTC 9215/00	Outdoor, 2.8-10 mm lens
KBE-498V28-20F	LTC 0498/21	LTC 3664/40	LTC 9215/00	Outdoor, 2.8-10 mm lens, Fiber Optic
KBE-498V28-20U	LTC 0498/21	LTC 3664/40	LTC 9215/00	Outdoor, 2.8-10 mm lens, UTP
KBN-498V75-20	LTC 0498/21	LTC 3674/20	LTC 9215/00	Indoor, 7.5-50 mm lens
KBE-498V75-20	LTC 0498/21	LTC 3674/20	LTC 9215/00	Outdoor, 7.5-50 mm lens

Model No.	Camera Type	Lens	Mount	Description
KBE-498V75-20F	LTC 0498/21	LTC 3674/20	LTC 9215/00	Outdoor, 7.5-50 mm lens, Fiber Optic
KBE-498V75-20U	LTC 0498/21	LTC 3674/20	LTC 9215/00	Outdoor, 7.5-50 mm lens, UTP

**DAY/NIGHT 1/2 in. HIGH RESOLUTION,
24 VAC, 60 Hz, NTSC**

KBE-630V14-20	LTC 0630/21	LTC 3774/30	LTC 9215/00	Outdoor, 10-40 mm lens
KBE-630V14-20F	LTC 0630/21	LTC 3774/30	LTC 9215/00	Outdoor, 10-40 mm lens, Fiber Optic
KBE-630V14-20U	LTC 0630/21	LTC 3774/30	LTC 9215/00	Outdoor, 10-40 mm lens, UTP
KBE-630V41-20	LTC 0630/21	LTC 3764/20	LTC 9215/00	Outdoor, 4-12 mm lens
KBE-630V41-20F	LTC 0630/21	LTC 3764/20	LTC 9215/00	Outdoor, 4-12 mm lens, Fiber Optic
KBE-630V41-20U	LTC 0630/21	LTC 3764/20	LTC 9215/00	Outdoor, 4-12 mm lens, UTP

**IP COLOR 1/3 in. HIGH RESOLUTION,
24 VAC, 60 Hz, NTSC, MicroSD slot (card not included), H.264**

KBN-455V28-21N	NBC-455-21P	LTC 3364/50	LTC 9215/00S	Indoor, 2.8-10 mm lens
KBN-455V28-21NV	NBC-455-22P	LTC 3364/50	LTC 9215/00S	Indoor, 2.8-10 mm lens, IVA
KBN-455V55-21N	NBC-455-21P	LTC 3374/50	LTC 9215/00S	Indoor, 5-50 mm lens
KBN-455V55-21NV	NBC-455-22P	LTC 3374/50	LTC 9215/00S	Indoor, 5-50 mm lens, IVA
KBE-455V28-21N	NBC-455-21P	LTC 3364/50	LTC 9215/00	Outdoor, 2.8-10 mm lens
KBE-455V28-21NV	NBC-455-22P	LTC 3364/50	LTC 9215/00	Outdoor, 2.8-10 mm lens, IVA

Model No.	Camera Type	Lens	Mount	Description
KBE-455V55-21N	NBC-455-21P	LTC 3374/50	LTC 9215/00	Outdoor, 5-50 mm lens, NTSC, 24VAC,
KBE-455V55-21NV	NBC-455-22P	LTC 3374/50	LTC 9215/00	Outdoor, 5-50 mm lens, IVA

**IP DAY/NIGHT 1/3 in. HIGH RESOLUTION,
24 VAC, 60 Hz, NTSC, MicroSD slot (card not included),
H.264**

KBN-498V28-20N	NBN-498-21P	LTC 3664/40	LTC 9215/00S	Indoor, 2.8-11 mm lens
KBN-498V28-20NV	NBN-498-22P	LTC 3664/40	LTC 9215/00S	Indoor, 2.8-11 mm lens, IVA
KBN-498V75-20N	NBN-498-21P	LTC 3674/20	LTC 9215/00S	Indoor, 7.5-50 mm lens
KBN-498V75-20NV	NBN-498-22P	LTC 3674/20	LTC 9215/00S	Indoor, 7.5-50 mm lens, IVA
KBE-498V28-20N	NBN-498-21P	LTC 3664/40	LTC 9215/00	Outdoor, 2.8-11 mm lens
KBE-498V28-20NV	NBN-498-22P	LTC 3664/40	LTC 9215/00	Outdoor, 2.8-11 mm lens, IVA
KBE-498V75-20N	NBN-498-21P	LTC 3674/20	LTC 9215/00	Outdoor, 7.5-50 mm lens
KBE-498V75-20NV	NBN-498-22P	LTC 3674/20	LTC 9215/00	Outdoor, 7.5-50 mm lens, IVA

Note: IVA activation enabled via a separate license.

Certifications and Approvals

Electromagnetic Compatibility

Emission

LTC 0435, EN55022 Class B,
LTC 0455, FCC Part 15 Class B
LTC 0485,
LTC 0610

LTC 0498, EN55022 Class B,
LTC 0630 FCC Part 15 Class B,
EN61000-3,
EN50121-4

NBC-455, EN55022 Class B,
NBN-498 EN61000-3-2,
EN61000-3-3,
FCC Part 15

Immunity

LTC 0435, EN50130-4 Alarm Systems, Part 4
LTC 0455,
LTC 0485,
LTC 0610

LTC 0498, EN50130-4 (CE),
LTC 0630 EN50121-4 (CE)

NBC-455, EN50130-4 (PoE, +12 VDC)
NBN-498 EN55024 (24 VAC)
EN50121-4

Safety

LTC 0435, UL6500
LTC 0455

LTC 0498 UL1950-1,
CSA 22.2 No. 950-1,
EN60950-1 (CE),
EN61000-3-2 2000 +A2:2005,
EN61000-3-3 1995 +A1:2001 +A2:2005

LTC 0485, UL6500,
LTC 0610 UL CAN/CSA E60065-00

LTC 0630 UL1950-1,
CSA 22.2 No. 950-1,
EN60950-1 (CE),
UL60950,
CAN/CSA No. 60950

NBC-455, EN60950-1
NBN-498 UL60950-1 (2nd edition)
CAN/CSA-C 22.2 No. 60950-1

Vibration

Most Camera with 500 g (1.1 lb) lens as per
models IEC60068-2-6 (5 m/s², operational)

LTC 0610 Camera with 500 g (1.1 lb) lens as per
IEC60068-2-27 (5 m/s², operational)

Installation/Configuration Notes

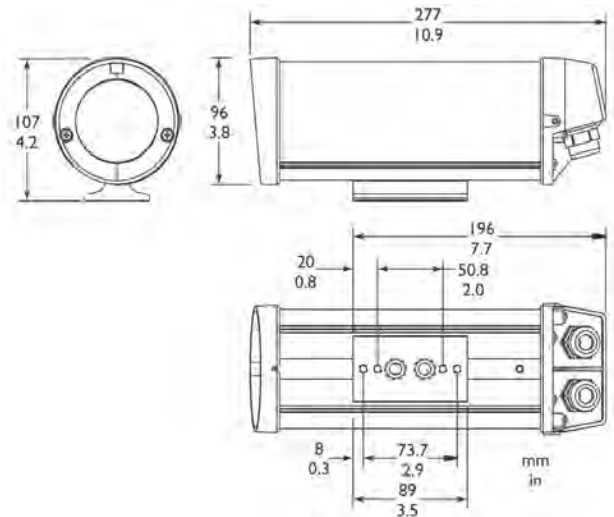


Figure 1: Indoor Models

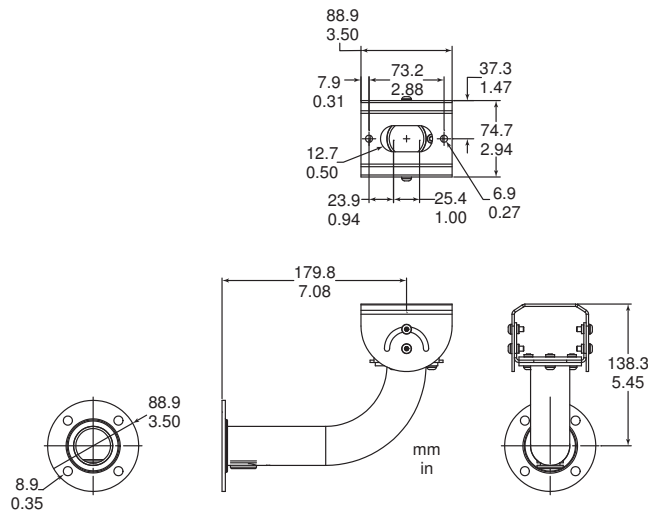


Figure 2: LTC 9215/00S Mount

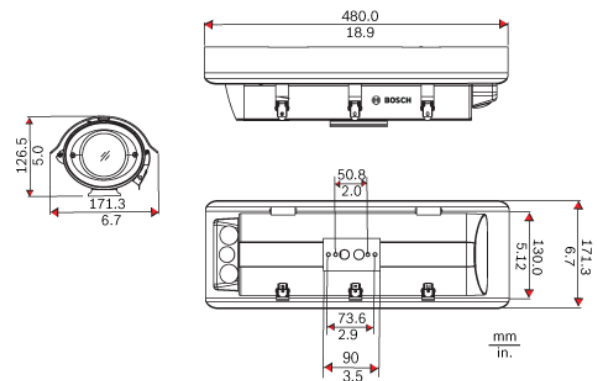


Figure 3: Outdoor Models

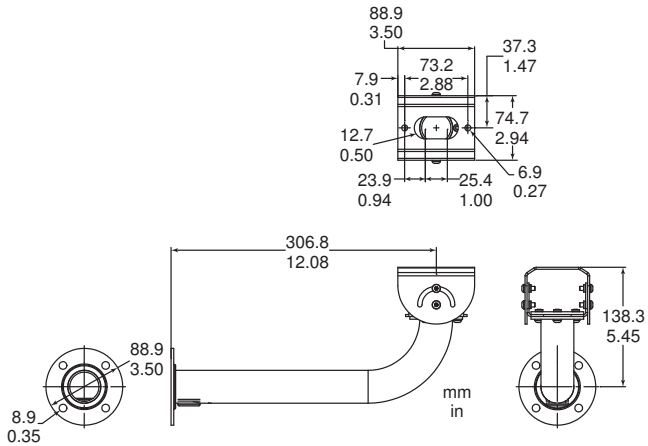
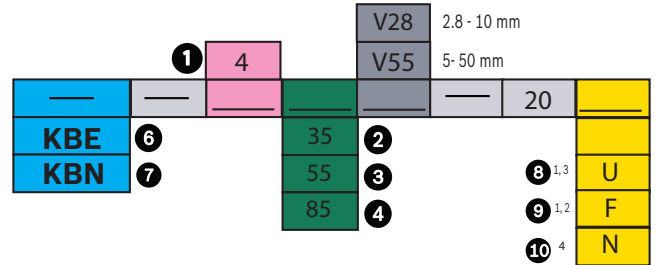
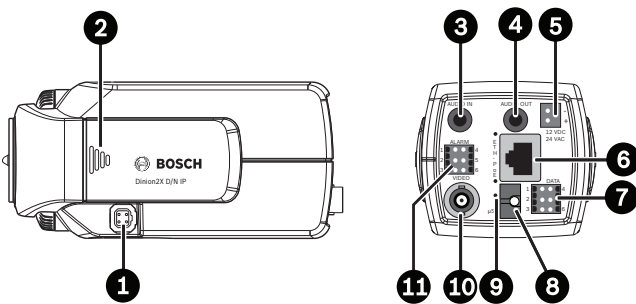


Figure 4: LTC 9215/00 Mount



1/3-inch Color Prepackaged Cameras



IP Camera Controls with MicroSD Card Slot

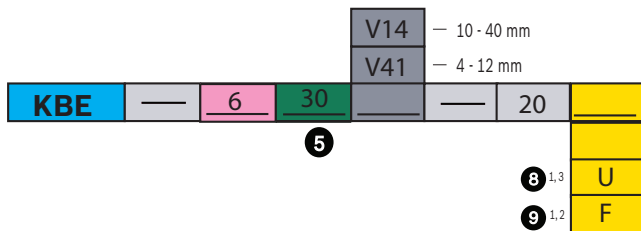
- | | |
|-------------------------------|---|
| 1 Lens connector | 7 Data (RS485/422/232) |
| 2 Control buttons | 8 MicroSD card slot (card not included) |
| 3 Audio in | 9 Reset button |
| 4 Audio out | 10 BNC video output (service mode) |
| 5 Power supply input | 11 Alarm in, relay out |
| 6 10/100 Base-T Fast Ethernet | |

Ordering Guide

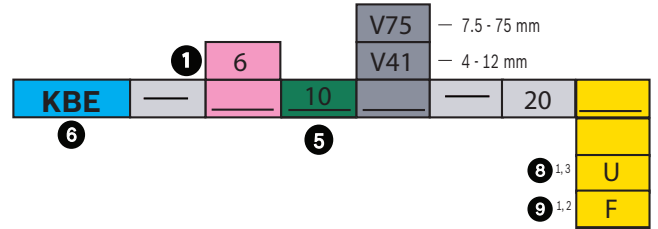
Use the following charts to create your order numbers.

Sample: KBE-498V75-20N

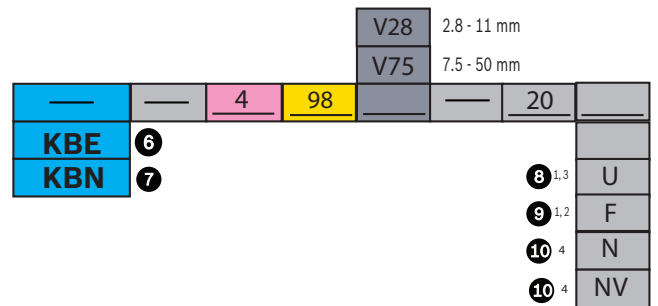
- | | |
|-----|-----------------------------------|
| KBE | Prepackaged Outdoor Model |
| 498 | 1/3 in. High Resolution Day/Night |
| V75 | 7.5-50 mm Varifocal Lens |
| 20 | 24 VAC |
| N | IP camera |



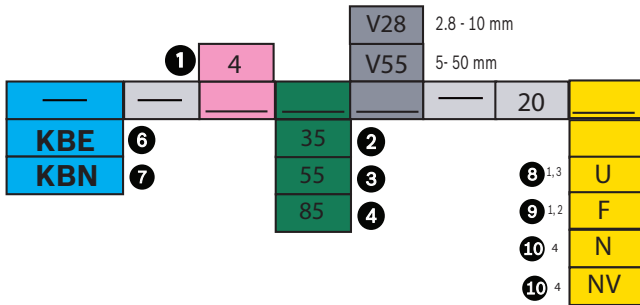
1/2-inch Day/Night High Resolution Prepackaged Cameras



1/2-inch Color Prepackaged Cameras



1/3-inch IP and Standard Day/Night High Resolution Prepackaged Cameras



1/3-inch IP and Standard Color Prepackaged Cameras

Number Reference

- 1 Color camera
- 2 1/3 in. Standard resolution
- 3 1/3 in. High resolution
- 4 1/3 in. High resolution, high sensitivity
- 5 1/2 in. High resolution, high sensitivity
- 6 Outdoor
- 7 Indoor
- 8 UTP transmitter^{1,3}
- 9 Fiber transmitter^{1,2}
- 10 IP camera⁴

Number Superscript Description

- 1 “U” and “F” options are available on 20 models only.
- 2 “F” option transmitters are compatible with Bosch LTC 4642/60 Fiber Receiver (requires 24 VAC).
- 3 “U” option transmitters are compatible with UTP Passive Receivers up to 750 ft distance; and UTP Active Receivers up to 3,000 ft distance.
- 4 “N” or “NV” option is available on KBE outdoor versions of the 455 and 498 models only

Technical Specifications

For a detailed list of camera technical specifications, refer to the appropriate datasheet for additional information.

Cameras

Imager	KBx-4xx: Interline transfer CCD 1/3 in. format
	KBx-610/630: Interline transfer CCD 1/2 in. format

	Active Picture Elements (H x V)	Horizontal Resolution
Color		
KBx-435	510 x 494	330 TVL
KBx-455	768 x 494	540 TVL
KBx-485, KBx-610	768 x 492	540 TVL
Day/Night		
KBx-498, KBx-630	768 x 494	540 TVL
Sensitivity (3200 K)	Minimum Illumination (30 IRE)	Scene Illumination (50 IRE)
		Scene Illumination/ Full Video (100 IRE)
Color		
KBx-435V28 Series		0.53 lux (0.049 fc) 2.18 lux (0.203 fc)
KBx-435V55 Series		0.78 lux (0.072 fc) 3.2 lux (0.297 fc)
KBx-455V28 Series	0.40 lux (0.040 fc)	0.88 lux (0.088 fc) 3.53 lux (0.353 fc)
NightSense	0.16 lux (0.016 fc)	0.35 lux (0.035 fc) 1.41 lux (0.141 fc)
KBx-455V55 Series	0.40 lux (0.040 fc)	0.88 lux (0.088 fc) 3.53 lux (0.353 fc)
NightSense	0.16 lux (0.016 fc)	0.35 lux (0.035 fc) 1.41 lux (0.141 fc)
KBx-485V28 Series		0.8 lux (0.074 fc) 3.27 lux (0.304 fc)
NightSense		0.0327 lux (0.003 fc) 0.327 lux (0.03 fc)
KBx-485V55 Series		1.18 lux (0.110 fc) 4.82 lux (0.448 fc)
NightSense		0.0482 lux (0.004 fc) 0.482 lux (0.045 fc)
KBx-498V28N Series		0.65 lux (0.065 fc) 2.6 lux (0.26 fc)
NightSense		0.26 lux (0.026 fc) 1.04 lux (0.104 fc)
KBx-498V75N Series		0.65 lux (0.065 fc) 2.6 lux (0.26 fc)
NightSense		0.26 lux (0.026 fc) 1.04 lux (0.104 fc)
KBx-610V41 Series		0.35 lux (0.033 fc) 1.4 lux (0.130 fc)
NightSense		0.018 lux (0.002 fc) 0.18 lux (0.017 fc)
KBx-610V75 Series		0.702 lux (0.065 fc) 2.81 lux (0.261 fc)
NightSense		0.0361 lux (0.003 fc) 0.361 lux (0.034 fc)

Sensitivity (3200 K)	Minimum Illumination (30 IRE)	Scene Illumination (50 IRE)	Scene Illumination/ Full Video (100 IRE)
Day/Night			
KBE-630V14 Series			
Color	0.13 lux (0.013 fc)	0.42 lux (0.042 fc)	1.90 lux (0.190 fc)
Color + SensUP 10x	0.013 lux (0.0013 fc)	0.421 lux (0.0421 fc)	0.190 lux (0.0190 fc)
Monochrome	0.053 lux (0.0053 fc)	0.164 lux (0.0164 fc)	0.775 lux (0.0775 fc)
Monochrome + SensUP 10x	0.0053 lux (0.00053 fc)	0.016 lux (0.0016 fc)	0.077 lux (0.0077 fc)
KBE-630V41 Series			
Color	0.0991 lux (0.0097 fc)	0.31 lux (0.029 fc)	1.4 lux (0.13 fc)
Color + SensUP 10x	0.00991 lux (0.0009 fc)	0.031 lux (0.0029 fc)	0.14 lux (0.013 fc)
Monochrome	0.0391 lux (0.0036 fc)	0.121 lux (0.0112 fc)	0.57 lux (0.053 fc)
Monochrome + SensUP 10x	0.00391 lux (0.00036 fc)	0.0121 lux (0.00112 fc)	0.057 lux (0.0053 fc)
Connections			
Video	Prewired 1.5 m (5 ft) coax with female BNC connector		
Power ²	1 mm ² (18 AWG), 3 conductor, 1 m (5 ft) wiring harness with flying leads (Brown/Blue-24 V, Green-Ground)		
"N" Models	Ethernet: 10/100 Base-T, auto sensing half/full duplex, RJ-45		
2 Power supply input terminals are isolated from video output terminals.			
UTP "U" Models			
Receiver	UTP Passive Receivers up to 750 ft (NV-213A, NV-213 A-M) UTP Active Receivers(NV-652R) up to 3,000 ft		
Fiber Optic "F" Models			
Receiver	Bosch LTC 4642/60 Fiber Receiver (requires 24 VAC)		
IP "N" Models			
Video Standards	MPEG-4; M-JPEG Video, H.264 (ISO/IEC 14496-10)		
Data Rate	9.6 Kbps – 6 Mbps constant & variable		
Video Resolution	704 x 576/480 (4CIF: 25/30 IPS) 352 x 288/240 (CIF: 25/30 IPS)		
Frame Rate	1 to 50/60 (PAL/NTSC) – H.264 1 to 25/30 (PAL/NTSC) – M-JPEG		
Network Protocols	RTP, Telnet, UDP, TCP, IP, HTTP, ICMP, HTTPS, FTP, DHCP, IGMPV2/V3, ARP, SMTP, SNMP, 802.1x, UPnP		
Software Update	Flash ROM, remote programmable		

Configuration	Using web browser or configuration manager
Local Storage	MicroSD card slot (card not included)

Lenses

Type Number	Focal Length	Iris Control Range	Iris Control	IR Corrected
LTC 3274/41	2.8 – 12 mm	F1.4 – 360	DC-iris	n/a
LTC 3364/50	2.8 – 10 mm	F1.4 – 360	DC-iris	n/a
LTC 3374/50	5 – 50 mm	F1.4 – 360	DC-iris	n/a
LTC 3664/40	2.8 – 11 mm	F1.4 – 360	DC-iris	√
LTC 3674/20	7.5 – 50 mm	F1.4 – 360	DC-iris	√
LTC 3764/20	4 – 12 mm	F1.2 – 360	DC-iris	√
LTC 3774/30	10 – 40 mm	F1.4 – 360	DC-iris	√

Power**Indoor Models**

Analog Cameras (KBN-xxxVxx-20)	12 to 28 VAC, 60 Hz, 4 W
IP-enabled Cameras (KBN-xxxVxx-20N)	12 to 28 VAC, 60 Hz, 8 W (if not using Power over Ethernet)

Outdoor Models

Analog Cameras (KBE xxxVxx-20)	21 to 28 VAC, 60 Hz, 45 W
IP-enabled Cameras (KBE-xxxVxx-20N)	21 to 28 VAC, 60 Hz, 45 W
IP-enabled Cameras using PoE	PoE: IEEE 802.3af compliant (camera only; housing requires 40 W)

Mechanical**Housing**

Dimensions	See figures 1 and 2.
Weight (approx.)	Indoor model: 2.85 kg (6.28 lb) Outdoor model: 4.1 kg (9.04 lb)
Construction	Aluminum housing casing, neoprene gaskets, UV-resistant polymer end caps, and all stainless steel hardware
Finish	Gray
Window	3 mm (0.12 in.) Thick UV-stabilized polycarbonate
Mounting	Four (4), 8 mm (5/16 in.) diameter fasteners (not included) are required for mounting

Feed-through Mount

Max Load	9 kg (20 lb)
Size	30 cm (12 in.)
Weight	0.4 kg (0.9 lb)

Environmental**Operating Temperature****Indoor Models**

- KBN Series Analog Cameras -20°C to +55°C (-4°F to +131°F)
- KBN Series IP Cameras -20°C to +46°C (-4°F to +116°F)

Outdoor Models

- KBE Series Analog Cameras -40°C to +50°C (-40°F to +122°F)
- KBE Series IP Cameras -40°C to +46°C (-40°F to +116°F)

Storage Temperature

KBx-435 Series, KBx-455 Series, KBx-485 Series, KBE-610 Series -25°C to +70°C (-13°F to +158°F)

KBx-455-Vxx-21N and 21NV Series, KBx-498Vxx-20 Series, KBx-498-Vxx-20N and 20NV Series, KBE-630 Series -40°C to +70°C (-40°F to +158°F)

Operating Humidity

KBN-455 Series, KBE-455 Series, KBx-498Vxx-20N Series (IP Cameras) 0% to 93% non-condensing

KBx-435 Series, KBx-455 Series 5% to 93% non-condensing

KBx-455-Vxx-21N and 21NV Series, KBx-485 Series, KBx-498Vxx-20 Series, KBx-498-Vxx-20N and 20NV Series, KBE-610 Series, KBE-630 Series 20% to 93% RH

Enclosure Protection IP66, NEMA-4X

Accessories

Heater/Blower Included (outdoor models only)

Sunshield Included (outdoor models only)

Wall Mount Included

Pole Mount Adapter LTC 9213/01 (not included)

Ordering Information**KBE-435V28-20 Outdoor Color Prepackaged Camera****KBE-435V28-20**

Outdoor housing containing a Dinion Color camera, 1/3 in., standard resolution, 2.8-10 mm lens, NTSC

KBE-435V55-20 Outdoor Color Prepackaged Camera**KBE-435V55-20**

Outdoor housing containing a Dinion Color camera, 1/3 in., standard resolution, 5-50 mm lens, NTSC

KBE-455V28-20 Outdoor Color Prepackaged Camera**KBE-455V28-20**

Outdoor housing containing a Dinion Color camera, 1/3 in., high resolution, 2.8-10 mm lens, NTSC

KBE-455V28-21N IP Outdoor Color Prepackaged Camera**KBE-455V28-21N**

Outdoor housing containing a Dinion IP Color camera, 1/3 in., high resolution, 2.8-11 mm lens, NTSC, H.264, MicroSD card slot

KBE-455V28-21NV IP Outdoor Color Prepackaged Camera with IVA**KBE-455V28-21NV**

Outdoor housing containing a Dinion IP Color camera, 1/3 in., high resolution, 2.8-11 mm lens, NTSC, IVA, H.264, MicroSD card slot

KBE-455V55-20 Outdoor Color Prepackaged Camera**KBE-455V55-20**

Outdoor housing containing a Dinion Color camera, 1/3 in., high resolution, 5-50 mm lens, NTSC

KBE-455V55-21N Outdoor IP Prepackaged Camera**KBE-455V55-21N**

Outdoor housing containing a Dinion IP Color camera, 1/3 in., high resolution, 5-50 mm lens, NTSC, H.264, MicroSD card slot

KBE-455V55-21NV Outdoor IP Prepackaged Camera with IVA**KBE-455V55-21NV**

Outdoor housing containing a Dinion IP Color camera, 1/3 in., high resolution, 5-50 mm lens, NTSC, IVA, H.264, MicroSD card slot

KBE-485V28-20 Outdoor Color Prepackaged Camera**KBE-485V28-20**

Outdoor housing containing a Dinion Color camera, 1/3 in., high resolution, high sensitivity, 2.8-10 mm lens, NTSC

KBE-485V28-20F Outdoor Color Prepackaged Camera, Fiber Optic**KBE-485V28-20F**

Outdoor housing containing a Dinion Color camera, 1/3 in., high resolution, high sensitivity, 2.8-10 mm lens, NTSC, Fiber Optic

KBE-485V28-20U Outdoor Color Prepackaged Camera, UTP**KBE-485V28-20U**

Outdoor housing containing a Dinion Color camera, 1/3 in., high resolution, high sensitivity, 2.8-10 mm lens, NTSC, UTP

Ordering Information		Ordering Information	
KBE-485V55-20 Outdoor Color Prepackaged Camera Outdoor housing containing a Dinion Color camera, 1/3 in., high resolution, high sensitivity, 5-50 mm lens, NTSC	KBE-485V55-20	KBE-498V75-20N Outdoor IP Day/Night Prepackaged Camera Outdoor housing containing a Dinion IP Day/Night camera, 1/3 in., high resolution, 7.5-50 mm lens, NTSC, H.264, MicroSD card slot	KBE-498V75-20N
KBE-485V55-20F Outdoor Color Prepackaged Camera, Fiber Optic Outdoor housing containing a Dinion Color camera, 1/3 in., high resolution, high sensitivity, 5-50 mm lens, NTSC, Fiber Optic	KBE-485V55-20F	KBE-498V75-20NV Outdoor IP Day/Night Prepackaged Camera with IVA Outdoor housing containing a Dinion IP Day/Night camera, 1/3 in., high resolution, 7.5-50 mm lens, NTSC, IVA, H.264, MicroSD card slot	KBE-498V75-20NV
KBE-485V55-20U Outdoor Color Prepackaged Camera, UTP Outdoor housing containing a Dinion Color camera, 1/3 in., high resolution, high sensitivity, 5-50 mm lens, NTSC, UTP	KBE-485V55-20U	KBE-498V75-20U Outdoor Day/Night Prepackaged Camera, UTP Outdoor housing containing a Dinion Day/Night camera, 1/3 in., high resolution, 7.5-75 mm lens, NTSC, UTP	KBE-498V75-20U
KBE-498V28-20 Outdoor Day/Night Prepackaged Camera Outdoor housing containing a Dinion Day/Night camera, 1/3 in., high resolution, 2.8-10 mm lens, NTSC	KBE-498V28-20	KBE-610V41-20 Outdoor Color Prepackaged Camera Outdoor housing containing a Dinion Color camera, 1/2 in., high resolution, high sensitivity, 7.5-75 mm lens, NTSC	KBE-610V41-20
KBE-498V28-20F Outdoor Day/Night Prepackaged Camera, Fiber Optic Outdoor housing containing a Dinion Day/Night camera, 1/3 in., high resolution, 2.8-10 mm lens, NTSC, Fiber Optic	KBE-498V28-20F	KBE-610V41-20F Outdoor Color Prepackaged Camera, Fiber Optic Outdoor housing containing a Dinion Color camera, 1/2 in., high resolution, high sensitivity, 7.5-75 mm lens, NTSC, Fiber Optic	KBE-610V41-20F
KBE-498V28-20N Outdoor IP Day/Night Prepackaged Camera Outdoor housing containing a Dinion IP Day/Night camera, 1/3 in., high resolution, 2.8-11 mm lens, NTSC, H.264, MicroSD card slot	KBE-498V28-20N	KBE-610V41-20U Outdoor Color Prepackaged Camera, UTP Outdoor housing containing a Dinion Color camera, 1/2 in., high resolution, high sensitivity, 7.5-75 mm lens, NTSC, UTP	KBE-610V41-20U
KBE-498V28-20NV Outdoor IP Day/Night Prepackaged with IVA Outdoor housing containing a Dinion IP Day/Night camera, 1/3 in., high resolution, 2.8-11 mm lens, NTSC, IVA, H.264, MicroSD card slot	KBE-498V28-20NV	KBE-610V75-20 Outdoor Color Prepackaged Camera Outdoor housing containing a Dinion Color camera, 1/2 in., high resolution, high sensitivity, 4-12 mm lens, NTSC	KBE-610V75-20
KBE-498V28-20U Outdoor Day/Night Prepackaged Camera, UTP Outdoor housing containing a Dinion Day/Night camera, 1/3 in., high resolution, 2.8-10 mm lens, NTSC, UTP	KBE-498V28-20U	KBE-610V75-20F Outdoor Color Prepackaged Camera, Fiber Optic Outdoor housing containing a Dinion Color camera, 1/2 in., high resolution, high sensitivity, 4-12 mm lens, NTSC, Fiber Optic	KBE-610V75-20F
KBE-498V75-20 Outdoor Day/Night Prepackaged Camera Outdoor housing containing a Dinion Day/Night camera, 1/3 in., high resolution, 7.5-50 mm lens, NTSC	KBE-498V75-20	KBE-610V75-20U Outdoor Color Prepackaged Camera, UTP Outdoor housing containing a Dinion Color camera, 1/2 in., high resolution, high sensitivity, 4-12 mm lens, NTSC, UTP	KBE-610V75-20U
KBE-498V75-20F Outdoor Day/Night Prepackaged Camera, Fiber Optic Outdoor housing containing a Dinion Day/Night camera, 1/3 in., high resolution, 7.5-75 mm lens, NTSC, Fiber Optic	KBE-498V75-20F	KBE-630V14-20 Outdoor Day/Night Prepackaged Camera Outdoor housing containing a Dinion Day/Night camera, 1/2 in., high resolution, 10-40 mm lens, NTSC	KBE-630V14-20
		KBE-630V14-20F Outdoor Day/Night Prepackaged Camera, Fiber Optic Outdoor housing containing a Dinion Day/Night camera, 1/2 in., high resolution, 10-40 mm lens, NTSC, Fiber Optic	KBE-630V14-20F

Ordering Information

KBE-630V14-20U Outdoor Day/Night Prepackaged Camera, UTP Outdoor housing containing a Dinion Day/Night camera, 1/2 in., high resolution, 10-40 mm lens, NTSC, UTP	KBE-630V14-20U
KBE-630V41-20 Outdoor Day/Night Prepackaged Camera Outdoor housing containing a Dinion Day/Night camera, 1/2 in., high resolution, 4-12 mm lens, NTSC	KBE-630V41-20
KBE-630V41-20F Outdoor Day/Night Prepackaged Camera, Fiber Optic Outdoor housing containing a Dinion Day/Night camera, 1/2 in., high resolution, 4-12 mm lens, NTSC, Fiber Optic	KBE-630V41-20F
KBE-630V41-20U Outdoor Day/Night Prepackaged Camera, UTP Outdoor housing containing a Dinion Day/Night camera, 1/2 in., high resolution, 4-12 mm lens, NTSC, UTP	KBE-630V41-20U
KBN-435V28-20 Indoor Color Prepackaged Camera Indoor housing containing a Dinion Color camera, 1/3 in., standard resolution, 2.8-10 mm lens, NTSC	KBN-435V28-20
KBN-435V55-20 Indoor Color Prepackaged Camera Indoor housing containing a Dinion Color camera, 1/3 in., standard resolution, 5-50 mm lens, NTSC	KBN-435V55-20
KBN-455V28-20 Indoor Color Prepackaged Camera Indoor housing containing a Dinion Color camera, 1/3 in., high resolution, 2.8-10 mm lens, NTSC	KBN-455V28-20
KBN-455V28-21N IP Indoor Color Prepackaged Camera Indoor housing containing a Dinion IP Color camera, 1/3 in., high resolution, 2.8-10 mm lens, NTSC	KBN-455V28-21N
KBN-455V28-21NV IP Indoor Color Prepackaged Camera with IVA Indoor housing containing a Dinion IP Color camera, 1/3 in., high resolution, 2.8-10 mm lens, NTSC, IVA, H.264, MicroSD card slot	KBN-455V28-21NV
KBN-455V55-20 Indoor Color Prepackaged Camera Indoor housing containing a Dinion Color camera, 1/3 in., high resolution, 5-50 mm lens, NTSC	KBN-455V55-20
KBN-455V55-21N IP Indoor Color Prepackaged Camera Indoor housing containing a Dinion IP Color camera, 1/3 in., high resolution, 5-50 mm lens, NTSC, H.264, MicroSD card slot	KBN-455V55-21N

Ordering Information

KBN-455V55-21NV IP Indoor Color Prepackaged Camera with IVA Indoor housing containing a Dinion IP Color camera, 1/3 in., high resolution, 5-50 mm lens, NTSC, IVA, H.264, MicroSD card slot	KBN-455V55-21NV
KBN-485V28-20 Indoor Color Prepackaged Camera Indoor housing containing a Dinion Color camera, 1/3 in., high resolution, high sensitivity, 2.8-10 mm lens, NTSC	KBN-485V28-20
KBN-485V55-20 Indoor Color Prepackaged Camera Indoor housing containing a Dinion Color camera, 1/3 in., high resolution, high sensitivity, 5-50 mm lens, NTSC	KBN-485V55-20
KBN-498V28-20N IP Indoor Day/Night Prepackaged Camera Indoor housing containing a Dinion IP Day/Night camera, 1/3 in., high resolution, 2.8-11 mm lens, NTSC, H.264, MicroSD card slot	KBN-498V28-20N
KBN-498V28-20NV IP Indoor Day/Night Prepackaged Camera with IVA Indoor housing containing a Dinion IP Day/Night camera, 1/3 in., high resolution, 2.8-11 mm lens, NTSC, IVA, H.264, MicroSD card slot	KBN-498V28-20NV
KBN-498V75-20N IP Indoor Day/Night Prepackaged Camera Indoor housing containing a Dinion IP Day/Night camera, 1/3 in., high resolution, 7.5-50 mm lens, NTSC, H.264, MicroSD card slot	KBN-498V75-20N
KBN-498V75-20NV IP Indoor Day/Night Prepackaged Camera with IVA Indoor housing containing a Dinion IP Day/Night camera, 1/3 in., high resolution, 7.5-50 mm lens, NTSC, IVA, H.264, MicroSD card slot	KBN-498V75-20NV
KBN-498V28-20 Indoor Day/Night Prepackaged Camera Indoor housing containing a Dinion Day/Night camera, 1/3 in., high resolution, 2.8-10 mm lens, NTSC	KBN-498V28-20
KBN-498V75-20 Indoor Day/Night Prepackaged Camera Indoor housing containing a Dinion Day/Night camera, 1/3 in., high resolution, 7.5-75 mm lens, NTSC	KBN-498V75-20

Ordering Information

Accessories

EX12LED8M LED Infrared Illuminator Infrared w/ 42 LEDs, 850 nm, Med Beam 30°, 12/24 VRB, 0.5 amp, Photocell	EX12LED8M
EX12LED9M LED Infrared Illuminator Infrared w/ 42 LEDs, 940 nm, Med Beam 30°, 12/24 VRB, 0.5 amp, Photocell	EX12LED9M
EX12LED8W LED Infrared Illuminator Infrared w/ 42 LEDs, 850 nm, Wide Beam 60°, 12/24 VRB, 0.5 amp, Photocell	EX12LED8W
EX12LED9W LED Infrared Illuminator Infrared w/ 42 LEDs, 940 nm, Wide Beam 60°, 12/24 VRB, 0.5 amp, Photocell	EX12LED9W
TC8235GIT Ground Loop Isolation Transformer	TC8235GIT
UPA-2410-60 Power Supply 120 VAC, 60 Hz, 24 VAC, 10 VA Out	UPA-2410-60
UPA-2450-60 Power Supply 120 VAC, 60 Hz, 24 VAC, 50 VA Out	UPA-2450-60
LTC 9213/01 Pole Mount Adapter for LTC 9210, LTC 9212 and LTC 9215, light gray finish	LTC 9213/01

Software Options

VP-CFGSFT Configuration Tool for Imaging Devices Camera configuration software for use with Bilinx cameras	VP-CFGSFT
--	------------------

Americas:
Bosch Security Systems, Inc.
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
security.sales@us.bosch.com
www.boschsecurity.us

Europe, Middle East, Africa:
Bosch Security Systems B.V.
P.O. Box 80002
5600 JB Eindhoven, The Netherlands
Phone: + 31 40 2577 284
Fax: +31 40 2577 330
emea.securitysystems@bosch.com
www.boschsecurity.com

Asia-Pacific:
Robert Bosch (SEA) Pte Ltd, Security Systems
11 Bishan Street 21
Singapore 573943
Phone: +65 6258 5511
Fax: +65 6571 2698
apr.securitysystems@bosch.com
www.boschsecurity.asia

Represented by