

## Vandal Proof 1/3" CCD FIXED DOME CAMERA

## TK-C2201WPE

# **S**uper**L**o**L**ux<sup>™</sup>

COLOUR IN VIRTUAL ZERO LUX

















#### ■ High-Resolution of 580 TV Lines

Newly developed 12bit DSP enables industry-leading high quality pictures

#### ■ Super LoLux<sup>™</sup> Sensitivity

0.05 lx at colour mode (50% video level, F1.2, AGC HIGH) 0.006 lx at B&W mode (50% video level, F1.2, AGC HIGH)

#### ■ Industry-leading S/N Ratio of 52dB

#### ■ 3D Noise Reduction

Powerful system to reduce noise in dark environments

#### ■ Up to 128x of Slow Shutter

Increases visibility even in low light situations

#### ■ Area White Balance

New function that can apply Auto White Balance to a specific area

#### ■ Black Level Adjustment

Intelligent adjustment for dark areas to provide images without black out

#### ■ Fine Focus Adjustment Technology

Newly developed mechanism for finer and more accurate focus adjustment

#### Outdoor-Ready Vandal and Tamper Proof Design (IP66 Compliant)

#### ■ Variety of Functions for Precise Monitoring

- Automatic Gain Control (AGC)
- 4 Area Patterns for Backlight Compensation (BLC)
- Manual and Auto Tracking White Balance
- 1.4x/2.0x Digital Zoom
- Privacy Mask for protecting intrusive monitoring
- Display Mode Selection for CRT and LCD
- CCD White Spot Compensation
- Focus Adjustment Mode for accurate focusing
- Triple Axis Rotation for flexible lens angle adjustment
- Optional heater unit for use in low temperature down to -30°C
- 24VAC/12VDC Dual Voltage

## ■ Eco-Friendly Super Low Power Consumption Approx. 40% lower than conventional models



# Day & Night Outdoor Monitoring with High-Resolution Images and Vandal-Proof Rugged Body

#### ■ Super LoLux™ "COLOUR IN VIRTUAL ZERO LUX"

This camera has been designed to assure precise colour reproduction in low light situations. It is possible to identify image colours in much darker places.





Normal camera

IVC Super LoLux™

#### Fine Focus Adjustment Technology

For assisting focusing to the finest point, the Variable-Focal lens now incorporates a newly developed focus gear mechanism (Patent Pending).



### New "Fine Adjust" mechanism

With a very subtle movement, finer, more accurate adjustment is possible.

Normal Focus ring and lock screw

#### ■ JVC-Quality Vandal Protection

**Robust Dome Cover:** Using polycarbonate, a material offering superior intensity, it remains damage-free against strong shocks of over 50J\*.

Robust Body: Using die-cast aluminum for main unit, it assures complete vandal proofing.

**IP66 compliant:** Designed to protect from water and dust, it's suitable for outdoor installation.

\* "J" stands for "Joule" which is the energy exerted by a force of one Newton acting to move an object through a distance of one meter.



#### RCA Monitor Output for Quick Installation

An external monitor can be connected via the RCA jack. You can easily check the camera angle on the spot during or after installation.



#### **Specifications**

#### TK-C2201WPE

		IK-C2201WPE
Signal system		PAL
Image device		1/3 type IT CCD
Number of effective pixels		440,000 (752H x 582V)
Sync system		Internal
Scanning system		2:1 interlace, 625 lines
Scanning frequency		15.625kHz (H), 50Hz (V)
Video output		Composite video signal: 1.0V (p-p), 75 ohms (BNC)
Video S/N ratio		52 dB (AGC off)
Horizontal resolution		580 TV lines
Minimum illumination (typical)  B&W mode		0.05 lx (50%, F1.2, AGC HIGH) 0.025 lx (25%, F1.2, AGC HIGH)
		0.006 lx (50%, F1.2, AGC HIGH) 0.003 lx (25%, F1.2, AGC HIGH)
Iris control		DC iris
White balance		ATW (wide/narrow) / AWC / Manual (ATW colour temp. range: 2300K to 10,000K)
Day/Night		True D/N with IR cutoff filter
3DNR		NORMAL / HIGH
Display mode (Monitor type)		LCD1/LCD2/CRT
BLC		off/on (4 patterns)
AGC		OFF/MID/HIGH
Sens-up		off / x2 to x128
Digital zoom		x1, x1.4, x2
Privacy mask		4 areas
Focus adjustment mode		Yes
Lens	Focal length (angle of vision)	2.8mm to 10.5mm, 3.75x vari-focal (100 (H) x 73 (V) to 24 (H) x 21( V))
	Aperture ratio	F1.2 (f=2.8mm) to F3.6 (f=10.5mm)
	Angle Adjustment range	Horizontal: 350°, Vertical: ±80°, Rotation: ±100°
Powe	r supply	24VAC (50Hz/60Hz) / 12VDC
Power consumption		220 mA without optional heater, 1 A including heater
Operating temperature range		-10°C to 50°C
		-30°C to 50°C with optional heater
		(0°C to 40°C recommended)
Dust and water proof		IP66
Vandal protection		Vandal Proof
Dimensions (WxHxD)		ø160mm x 125mm (H)
Weight (approx.)		1.3kg
Optional accessory		KA-ZH215U Heater unit

#### **Dimensions**



