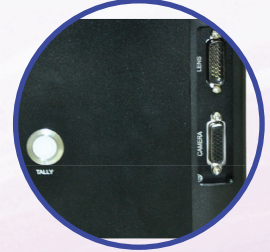![KXWELL INTERNATIONAL logo]

KT-PD50

All Your Camera Robotic Needs

KT-PD50 design to use in different application, which VR support as option user is able to install it in virtual studio, with its 20kg payload user can choose to mount Box-Camera or shoulder-mount camera to suit their application.

SDS (Self-Diagnostic System) Function

Built-in SDS function which allow Robotic Head to keep record the operation duration and advice for maintenance after certain operation duration.

Clean and Stable system set-up configuration

With different optional in-build interface user is able to choose from RS422, TCP/IP, Single Mode Fiber or wireless to control robotic.

Power Supply to Camera

KT-PD50 able to supply power to camera, allowing user to control the robotic and the camera power from Kxwell Control Panel and no extra DC adaptor needed for camera.

Control Camera Parameter

Allow user to control the Camera parameter like an RCP on selected camera. Other than the standard Pan, Tilt, Zoom, Focus and Iris control Kxwell provide more control function like controlling Camera's GUI menu, AWB, ABB, Shutter, ND filter and Gain

Wide Range of Camera and Lens choices

Support wide range of Pro-Video & Broadcast Cameras and Lens, allowing user to select the best equipment for their application needs.
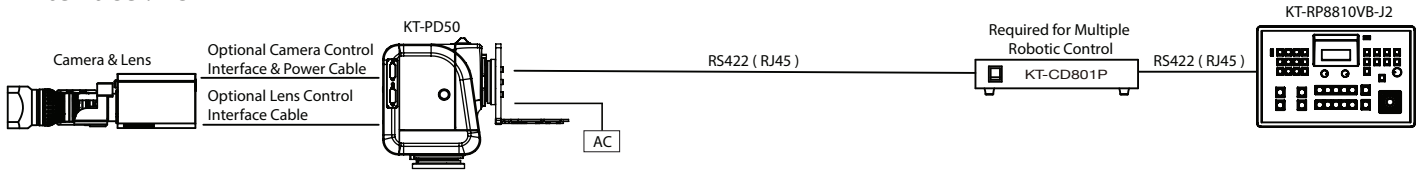
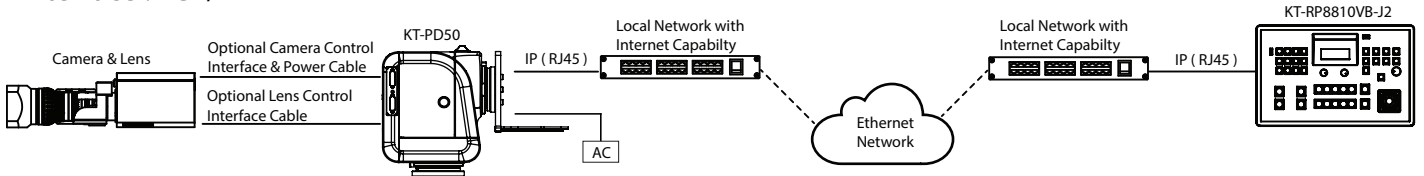### Variable Speed Control for pan, tilt and lens

Allow operator to have a smooth control on pan, tilt and lens with adjustable speed.
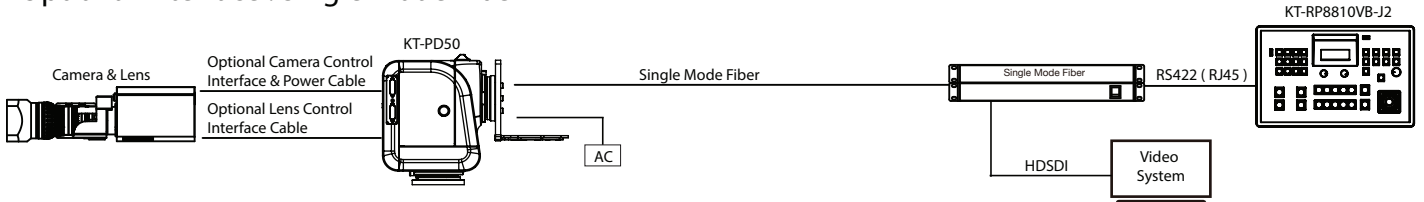
Control Interface:

Interface : RS422

Camera & Lens

Optional Camera Control Interface & Power Cable

Optional Lens Control Interface Cable

KT-PD50

AC

RS422 (RJ45)

Required for Multiple Robotic Control

KT-CD801P

RS422 (RJ45)

KT-RP8810VB-J2

Interface : TCP/IP

Camera & Lens

Optional Camera Control Interface & Power Cable

Optional Lens Control Interface Cable

KT-PD50

AC

IP (RJ45)

Local Network with Internet Capabilty

Ethernet Network

Local Network with Internet Capabilty

IP (RJ45)

KT-RP8810VB-J2

Optional Interface : Single Mode Fiber

Camera & Lens

Optional Camera Control Interface & Power Cable

Optional Lens Control Interface Cable

KT-PD50

AC

Single Mode Fiber

Single Mode Fiber

RS422 (RJ45)

KT-RP8810VB-J2

HDSDI

Video System

Optional Firmware and Interface Cable:

Sony :	Ikegami :	Panasonic :	Hitachi :
KT-EX312	HDL Series - KT-CA9STHDL	AW Series - KT-CA9ST50P	DK Series - KT-CA9STDK
		AK Series - KT0CA9STAK	HV Series - KT-CAST15P
Canon :	Fujinon :		
KT-CAST20PB-C	KT-CA9ST20PA-F		
KT-CA9ST9P-2A	KT-CA9ST9P-2A		

Specification:

Item	KT-PD50
Max Payload	20 Kg , 44.1 Lbs
Pan / Tilt Range	Pan: 330°; Tilt: +100°～-100°(Support Limit Set)
Pan / Tilt Speed	Pan: 0.1°~60°/S; tilt: 0.1°~60°/S
Accuracy	0.01°
Pre-Set Position	1000 (Pan, Tilt, Lens)
Noise Level	40dB
Working Temperature	-10℃ ~ 45℃ , 14F ~ 113F
Power supply	AC (100 ~ 240V)
Wattage	70Watts (Excluding Camera)
Weight	10 Kg, 22.1Lbs
Optional Install Mount	Tripod, Wall Mount, Ceiling Mount.
Communication Protocol	KXWELL Protocol(default), Sony Visca, Panasonic AW, PELCOD
	*Kxwell Protocol is Default, if apply others protocol control functions is limited
Self Diagnostic System	Support
Optional Interface	
RS422	1.2 Km (Default)
TCP/IP	100 m (Option)
Wireless Control	2 Km @ 433MHz; 300 m @ 2.4 GHz (Option)
3G Fiber	20 Km; Control signal and HD/SD SDI (Option)
1.5G Fiber	20 Km, 40Km, 80Km; Control signal and HD/SD SDI (Option)
Control Panel	
KXWELL Control Panel	KT-RP8705, KT-RP8810VB/W-J2, KT-RP8800-J2,
	KT-RW8804-J2, KT-RP8910-J2
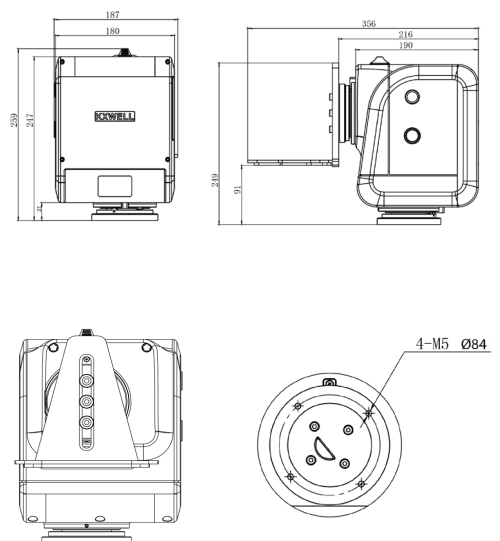
*Above Information may vary accodring to requested configuration

Dimension:
Unit: mm

187
180
259
247

356
216
190
249
91

KXWELL

4-M5 Ø84