

Smart ECU/Component

JVCKENWOOD

PoDL Camera
(Power over Data Line Camera)

Features

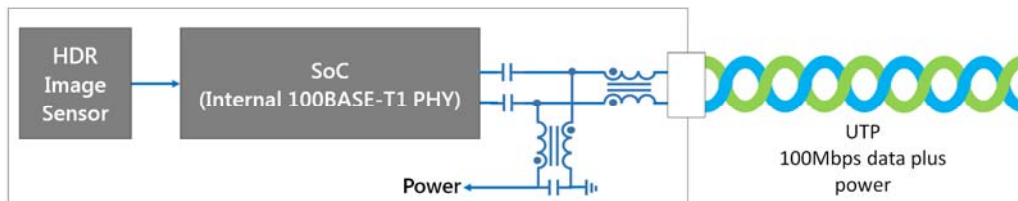
- ✓ High Definition Image Data Transmission and Power supply over “a single UTP cable”.
(UTP : Unshielded Twisted Pair)
- ✓ Low Noise Radiation.
- ✓ Cable Weight Reduction and Cost Reduction.
- ✓ High Definition and High Dynamic Range.



Prototype

Specifications

◆1.3M HD PoDL Camera



- ① Image Data Transmission : 1280x1080 / 60fps
(Video data compression using H.264 Intra frame only.)
- ② Power Supply : 12V
- ③ Dimension : (H) 22.8mm x (W) 22.8 mm x (L) 36.6mm
- ④ Ethernet : IEEE802.3bw (100BASE-T1)

Demonstration

- ✓ Demonstration of Video Data Transmission and Power Supply to a camera by PoDL.

- Image Data Transmission
1280x720 / 30fps
- Current Consumption
85mA (12V)

