



PU-108

v1.3 HDMI - CAT6 Repeater

OPERATION MANUAL





Table of Contents

1.	Introduction	1
2.	Features	1
3.	Package Contents	1
4.	Operation Controls and Functions	2
4.1	Front Panel Diagram	2
4.2	Rear Panel Diagram	3
5.	Connection Installation	4
6.	Connection Diagram	4
7.	Specifications	5





1. Introduction

A dedicated extender for extending the CAT6 cables used with the PU-103, PU-1103, and PU-1106 HDMI over CAT6 Extender Sets. This great device will extend your cabling up to 25 metres either side of the repeater, allowing IR pass-through, and can be cascaded.

2. Features

- v1.3 HDMI, HDCP 1.1 and DVI 1.1 compliant.
- HDMI over CAT6 Repeater.
- Resolutions supported: PC - VGA to WXGA; HDTV - 480i to 1080p plus 1080p24fps.
- High Definition Audio supported: Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio plus LPCM.
- Compatible with CAT-5E and CAT-6 cables. CAT-6 is recommended for better performance.
- Supports CEC functions & Deep Colour (10 & 12 bit)
- Supports Infra Red control signals throughput when in use with PUMA product which enable IR control.
- Equalises and recovers incoming TMDS data before re-transmitting to ensure optimum signal quality.
- Supports 3D signals

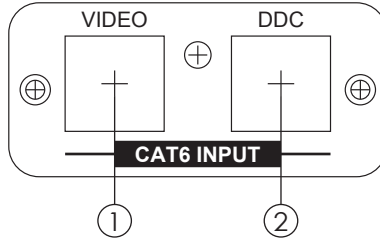
3. Package Contents

- CAT6 to CAT6 Repeater.
- Operation Manual.



4. Operation Controls and Functions

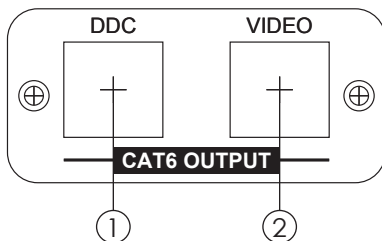
4.1 Front Panel



1. DDC input: Connect the DDC input to the DDC output of the transmitter using CAT-6 cable.
2. Video input: Connect the video input to the video output of the transmitter unit using CAT-6 cable.



4.2 Rear Panel



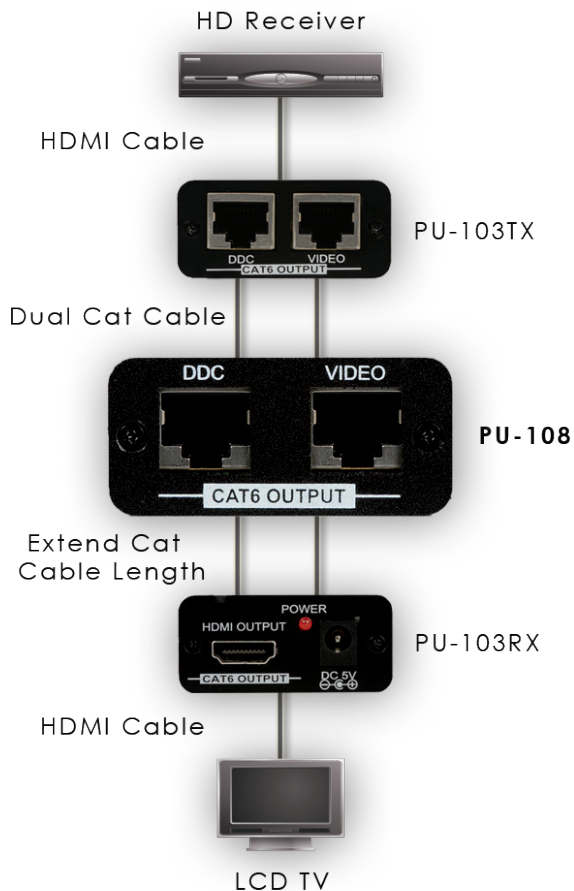
1. Video output: Connect the video output to the video input of the receiver unit using CAT-6 cable.
2. DDC output: Connect the DDC output to the DDC input of the receiver unit using CAT-6 cable.



5. Connection and Installation

1080i/720p 8 bits	1080i/720p 10bits	1080i/720p 12bits	1080p/ 8bits	1080p/ 10bits	1080p/ 12bits
25m	25m	25m	20m	15m	10m

6. Connection Diagram





7. Specifications

Input Port	1 x CAT5e/6 for Video, 1 x CAT5e/6 for DDC
Output Port	1 x CAT5e/6 for Video, 1 x CAT5e/6 for DDC
Power Supply	2 x 5V/2.6A DC (US/EU standards, CE/FCC/UL certified)
Dimensions (mm)	50(W) x 70(D) x 23(H)
Weight (g)	100
Chassis Material	Aluminium
Silk Skin Colour	Black
Operating Temperature	Operating from 0°C ~ 40°C



Notes:



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