



Copperhead HD HD-SDI Camera

Miniature 1920x1080 25/30p
HD-SDI Camera

The Copperhead HD camera offers a true HD-SDI video output in a tiny package. It supports full resolution 1920x1080 25/30p image encoding.

The camera is provided in a kit with three lenses, mounting brackets and adaptor cables. The head itself is just 17x17x16.5mm including a 2.1mm pinhole lens, making it ideal for most surveillance applications.

It supports short M12 lenses as standard, whilst an adaptor allows long M12 lenses to be used. C & CS lens mounting is also made possible by using the adaptors that are also included in the kit.

The camera is powered via its coax cable and can connect directly to transmission equipment that supports power over SDI. A DC insertion module is also provided for applications where power over SDI is not supported.

The HD-SDI signal will drive down long cable lengths of up to 6m. The system is supplied as standard with a 3m interface cable.

It is very power efficient, consuming just 1.7 watts.

For those requiring two images, both wide and zoomed from one camera, the Copperhead HD is compatible with the Visual Engineering DualView system.

Overview

Miniature HD Camera

HD-SDI Output

1920 x 1080 25/30P Resolution

M12 Lens Fitting

High Sensitivity of 0.1 Lux

Auto Day / Night Mode

Head Size Just 17x17x16.5mm

MMCX Interface

Spare Pinhole Lenses

Long M12, C & CS Adaptors

Mounting Brackets

Low Power, 1.7Watts



Copperhead HD Kit Contents

- Copperhead HD Camera
- 2.5mm Fitted Lens
- 3m MMCX to MMCX Coax Cable
- 1m MMCX to BNC Cable
- DC Inserter with AC Adaptor
- Mounting Brackets
- Tools and Screws for Fixing
- Foam Lined Carry Case
- Supporting Documentation



Part Number	
Copperhead HD Kit	110-2495

Specifications			
Camera Sensor	2Megapixel, CMOS	Serial Interface	RS232 or RS485
Camera Sensitivity	0.1 Lux	Cable Voltage	5.5V
Camera Resolution	1920x1080 25/30P	Power Inserter Voltage	9 to 18V
Camera Lens Kit	2.5mm (Fitted), 2.1mm & 4.3mm pinholes	Power	1.7 Watts
Lens Mount	M12 Short Fitting	Environmental	Splash Proof
Mounting	Straight or Right Angle 1/4"20 Thread	Weight	20g
HD-SDI Connector	MMCX Jack	Dimensions	17 x 17 x 16.5mm

Visual Engineering Technologies LTD			Tel: +44 (0)1206 211842 Web: www.visualengineering.co.uk Email: sales@visualengineering.co.uk
Kemps Farm Stanway Colchester Essex CO3 8NB UK			