



MFR-HD

Environmentally Sealed HD PTZ Camera

The MFR-HD is a very rugged PTZ camera environmentally sealed to for use in harsh environments.

It incorporates a Sony high definition block camera with a 30x optical zoom lens and a 63.7° wide angle of view. It is capable of outputting up to 1080/60p via a 3G HD-SDI connection.

There is the option to have the video output as an encoded ONVIF compliant stream up to frame rates of 1080/30p for use in IP networks.

Speeds are zoom factor corrected, giving fine control over the entire range of the lens with pan speeds up to 100° per second.

The MFR-HD has absolute position feedback and therefore has the ability to self correct its actual position if external forces act upon it.

User presets can be saved allowing PTZ framing and camera racking profiles to be easily recalled.

Remote control of the camera is through VISCA protocol over USB or a RS232/RS485 serial connection.

All power, data and video signals are through the Fischer MiniMax connector on the camera's base.

The outer casing is manufactured from aluminium. All external mating surfaces are gasket sealed to maintain its IP67 rating.

Overview

HD-SDI Output
1080/60p Resolution
30x Optical Zoom
Digital Zoom Selectable
IP Encoder Option
Configurable Video Quality
Fast Pan Speeds, 100°/Sec
Progressive Speed Control
High Resolution and Accuracy
Position Recall
User Presets
IP67 Rated
Aluminium Casing



Overall Dimensions



Kit Contents
MFR-HD Camera
Universal Comms Cable
AC/DC 12V 3A Power supply
USB Memory Stick
Peli Case

Kit Part Numbers	
Camera Kit	110-3841
IP Encoder Option	110-4012

Specifications			
Sensor	1/2.8" Type CMOS	Serial Comms	USB, RS232/485
Sensitivity	<0.05 Lux, ICR On	User Presets	8
Resolution	1920 x 1080 Pixels	Pan & Tilt Range	360° Pan , 240° Tilt
SNR	>50dB	Lens Drive	Silent Stepper
Field of View	63.7°	Pan & Tilt Drive	Low Noise Stepper
Optical Zoom	30x	Power Requirement	9-18V DC, 11.5W
IP Streaming	RTSP over UDP or TCP	Environmental	IP67
Video Encoding	H.264 and MJPEG	Weight	1.5kg
Encoder Configuration	Web page Interface	Dimensions	ø 115 x 182.4 mm
Serial Protocol	VISCA	Casing	Aluminium

Visual Engineering Technologies LTD

Kemps Farm
Stanway
Colchester
Essex
CO3 8NB
UK



Product specifications subject to change without notice

Tel: +44 (0)1206 211842
Web: www.visualengineering.co.uk
Email: sales@visualengineering.co.uk