

# CMD-BU20

2014 Full HD Button Camera!

2.0 Mega Pixel Sensor

1080p Ready!



## Feature

- \* **2.0 Mega Pixel Sensor**
- \* **AGC Microphone built-in and external connection**
- \* **High resolution digital recording and snapshot**
- \* **Miniture size, button design to undergo covert mission**
- \* **NTSC/PAL setting user interface on portable DVR**
- \* **WDR Picture and Video quality**
- \* **Interchangeable covert head**



## Wide Dynamic Range (WDR)



Over-exposure to diminish background

Under-exposure to darken indoor environment

With WDR featured camera to auto adjust lighting.

This product provides lighting enhance functionality to provide clear images with excessive back light. Mainly, this functionality is to auto-adjust lighting/exposure in the dark and light area in the captured picture. WDR functionality enables the capture and display of both bright areas and dark areas in the same frame, in a way that there are details in both areas, i.e. bright areas are not saturated, and dark areas are not too dark.

## Specification

CMD-BU20	
<b>Resolution</b>	
Video Resolution	>1200 TV line
Pixel Size	2.8um(H) x 2.8um(V)
Digital Picture Resolution	1920 x 1080
Video System	NTSC and PAL
<b>CMOS Camera Module</b>	
Built-in image sensor	Progressive 1/2.8" Sony CMOS
Illumination Sensitivity	0.08 Lux / F2.0 (50IRE)
Lens F/No	F2.0
Lens Diameter	4.3mm
Angle of View	78°
Depth of Field	50 cm ~ ∞
Electronic Shutter	1/8 ~ 1/30,000
<b>Video Output</b>	
Video Output	RAW Data
<b>Audio Output</b>	
Audio Output	2 Vp-p (Max) 10 KHz ohms Impedance
<b>Microphone</b>	
A.G.C.	>52 dB (AGC Off)
S/N Ratio	36 dB (Max)
<b>Power</b>	
Power Supply Voltage	DC 3.3 V ± 5%
Power Supply Current	200mA
<b>Physical</b>	
Operating Temperature	-10°C ~ 60°C
Operating Humidity	20 - 90%
Storage Temperature	-30°C ~ 80°C
Dimension	30x30x20mm
Weight	10g

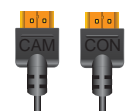
## Package Content



Switching Cable



BU-SR SET



Switching Cable

CMD-AMP



Amplifier

## Optional Accessories

S-MIC-AGC



Portable DVR Series  
PV-500EVO2 & PV-1000Touch5

External MIC

※ Specifications are subject to change without prior notice.

※ All CMOS series products are not compatible with LawMate RF wireless transmitters.

※ CMD-BU20 works with PV-500EVO2 and PV-1000Touch5.