



Helmet Attachment
(Accessory)



Remote Monitor
RM-55DX

The Head Set System 888EX is designed for rescue personnel to transmit real time video images onto the Remote Monitor RM-55DX's LCD Screen, while colleague or commander monitor the Screen Images at positions up to 100-150m away. A combination of compact and lightweight Waist Belt Unit and Helmet Head Set Styled Camera Head enables the rescuer to have hands free to work or operate even in the most confined spaces of hazardous disaster sites.



Features

1. Compact and ruggedly designed camera Head is mounted on the Head Set with Ear Pad. Camera Head can be mounted on helmet by Helmet Attachment(Accessory).



2. Lightweight designed Waist Belt Unit includes Digital Video Recorder, rechargeable Battery and Wireless Transmitter.



3. By pushing the Button of Controller, digital recording start immediately. Digital Video Recorder has 2.5" LCD Display. Operator can check the images being recorded with this Display. Captured image can be copied on SDHC or SD Memory Card which enable him to check the images on the computer.



4. The Remote Monitor RM-55DX has quick Battery Recharging System which requires 30min for fully recharged and has 1-1.5 Hour operation.



Operation by Wireless Transmission

This powerful wireless transmission function allows rescuer to transmit the image up 100-150m distance as the crow flies.

In case of confined space rescue operations, for example earthquakes, real time image can be transmitted on the LCD Screen of Remote Monitor positioned downstairs or upstairs of the facility, if sufficient opening is available.
(Note: It depends on transmission condition)

System items

System 888EX includes following items.

- | | |
|---|----------|
| 1. Headset (Camera Head, Helmet) | : 1 set |
| 2. Waist Belt Unit
(DVR, Wireless Transmitter and Rechargeable Battery) | : 1 set |
| 3. Remote Monitor RM-55DX
(6.4" LCD Monitor, Transmitter Receiver, Rechargeable Battery) | : 1 set |
| 4. Battery Charger | : 1 p.c. |
| 5. Spare Rechargeable Battery | : 1 p.c. |
| 6. System Box | : 1 p.c. |

Corporation

1. PROEYE is a registered trade mark of YONE Corporation.
2. Specifications are subject to change without prior notice.

. Specification

Camera Head Ass'y

Name	Description	
Camera	Pick-up Element	1/3" Color Interline Transfer CCD Image Sensor
	Mode	NTSC, Pal
	Total Number of Pixels	380,000 pixels
	Video Output	1 Vp-p 75 Ω (Unbalanced)
	Resolution	550 TV Line
	Minimum Illumination	0.2 Lux
Microphone	Model	Electolet Condenser Microphone 2.5-3.5DC
	Out put inpedanse	6.8 k Ω

Digital video Recorder

Name	Description	
System	Mode	NTSC ,Pal
	Recording / Format	SDHC, SD Memory Card / AVI Format
	Video Output	1 Vp-p 75 Ω (Unbalanced)
Display	LCD	TFT - Active Matrix
	Size	2.5"
	Power	DC3.7V 10.9 w

Wireless Transmitter WT-100

Name	Description	
Transmitter (To be installed in Control Box Unit)	Frequency	1.2 GHz
	Video input	1 Vpp / 75 Ω NTSC
Power Input	DC12V 0.5W	
Receiver Unit (To be installed on RM-55DX Remote Monitor.)	Frequency	1.2GHz
	Channel No.1	1080 Mhz
	No.2	1120 MHz
	No.3	1160 MHz
	No.4	1100 MHz
	No.5	1140 MHz
	No.6	1180 MHz
	No.7	1180 MHz
	No.8	1180 MHz
	Type	FM
	Video output	1 Vpp / 75 Ω NTSC
	Power	DC12V / 0.5W
	Sensitivity	-90 dBm
Dimension	129*26*103 mm / 180g	

Remote Monitor (Option) Model RM-55DX

Name	Description	
LCD Monitor Display	Model	Liquid Crystal Display / Low Reflection model TFT- Active Matrix /
	Total Number of Pixel	224,640 Pixels
	Size	6.4"
	Power Input	DC12V / 8.5W
	Dimension	161*38*115 mm / 510g
Power Input	Powered by Rechargeable Battery:	12V 1.2Ah : 2 pcs
Wireless Transmitter Receiver Unit	Details are described in Wireless Transmitter Receiver Specification.	