



If only one input connected, the SDI and HDMI outputs both become loop outputs so you can feed the input signal to other HDMI and SDI equipment.  
 Micro Converter automatically detects SD/HD/3G-SDI input format and sets the output format to match.



Default network address 192.128.0.10  
 Default user name "admin"  
 Default password "12345"

**Panasonic AW-HE40 PTZ Camera Settings**

Device	IP	Firmware	Current Level
AW-HE40 camera 1	192.168.0.12	1.82	0.5 A
AW-HE40 camera 2	192.168.0.13	2.10	0.7 A
AW-RP50 controller	192.168.0.09	2.05.00	0.3 A

**Camera (following for CAM1)**  
 Scene = Full Auto  
 Contrast Level = 0  
 Day/Night = Day

Scene = Manual1

**Contrast**  
 Contrast Mode .....Auto  
 Contrast Level = .....0  
 Shutter Mode .....----  
 Step/Syncro .....----  
 Frame Mix .....----  
 Auto F. Mix Max Gain ..... 0 dB  
 Gain .....Auto  
 AGC Max Gain .....24 dB  
 Day/Night.....Day  
 Night-Day Level .....----

**Picture**  
 Chorma Level .....+2  
 White Balance Mode .....ATW (Man1), VAR (Man2), AWB B (Man3)  
 Color Temp .....----, 5400K (Manual2)  
 R Gain .....----, +4 (Manual2), 0 (Manual3)  
 B Gain .....----, -10 (Manual2), 0 (Manual3)  
 Pedestal.....0  
 Detail.....Low  
 Detail Level H .....18  
 Detail Level L .....9

Flesh Tone Mode .....OFF  
 HDR .....OFF  
 DRS .....OFF  
 E.DRS.....OFF  
 Gamma Type .....Normal  
 Gamma Level .....Mid  
 Back Light COMP.....OFF  
 DNR .....Low

**Matrix**  
 Matrix Type .....Normal  
 [Saturation] [Phase]  
 ---- ----

**System**  
 Output  
 Format.....720/59.94  
 Freq.....59.94 Hz  
 Priority Mode.....IP  
 Others  
 Install Position.....Desktop  
 Preset Speed Table.....Fast  
 Preset Speed .....10  
 Preset Scope .....Mode A  
 Freeze during preset.....OFF  
 Speed with Zoom POS .....ON  
 Focus Mode .....Auto  
 Focus ADJ with PTZ .....----  
 Zoom Mode.....i.Zoom  
 Max Digital Zoom.....----  
 Image Stabilizer .....OFF  
 Tally .....Enable  
 IR Control.....Enable  
 IR ID.....CAM1

**Maintenance**  
 Firmware Version  
 1.82 (camera 1), 2.10 (camera 2)  
 IP Network  
 IP Address .....192.168.0.12 (cam 1)  
 .....192.168.0.13 (cam 2)  
 Subnet Mask.....255.255.255.0  
 Default Gateway .....192.168.0.01  
 Initialize  
 Do you want to initialize menu settings?  
 [Yes/No]

- Drawing Index:
- PM-E1000 General Wiring Diagram
  - PM-E1001 Primary Air-to-Ground Wireless Video Wiring Diagram
  - PM-E1002 Secondary Air-to-Ground Wireless Video Wiring Diagram
  - PM-E1003 I-Gate Station Wiring Diagram
  - PM-E1004 UHF Wireless Video Wiring Diagram
  - PM-E1005 Video Receive, Select, and Stream Wiring Diagram
  - PM-E1006 GPS and PulseOx to APRS Transmitter Wiring Diagram
  - PM-E1007 Weather Station Wiring Diagram
  - PM-E1008 Jumper 2-Way Radio Communications Wiring Diagram
  - PM-E1009 Jumper HF Communications Wiring Diagram
  - PM-E1010 Slow Scan Television SSTV Camera Wiring Diagram
  - PM-E1011 Eachine Mini Video Recorder for FPV drones Wiring Diagram
  - PM-E1012 Video Distribution System Wiring Diagram
  - PM-E1013 RunCam Video Recorder for FPV drones Wiring Diagram
  - PM-E1014 Rooftop PTZ Camera System Wiring Diagram

REV	DATE	REVISION DESCRIPTION	DRAWN	APP
2	4-30-26	Changed to BMD bidirectional microconverter, re-arranged wiring	MF Wright	
1	3-10-26	Added PTZ camera settings, renamed HDMI to NTSC converters	MF Wright	
0	1-15-26	initial release	MF Wright	

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**Parachute Mobile Communication Systems  
 Rooftop PTZ Camera System Wiring Diagram**

DRAWN MF WRIGHT	CHK	INDEX	FSCM. NO.	LIMITS UNLESS NOTED
DESIGN ENGR MF WRIGHT	TEAM POSITION Video Ops		DATE 4-30-26	
NEXT ASSY	USE ON	CONSULTANT	AS DWG NO Sheet 1 of 1	REV
APPLICATION		TEAM COORDINATOR R. FENN	SCALE NONE	<b>PM-E1014</b> 2