

## VAN-2xxx Series Menu tree

1. **Lens** - Control Settings for Camera Lens
  - 1.1. Manual – User Defined Settings
    - 1.1.1. Brightness – Image Brightness
  - 1.2. DC – DC Voltage drive - the lens Iris is opened and closed automatically in response to changing lighting conditions.
    - 1.2.1. Brightness – Image brightness
    - 1.2.2. Iris Speed – Iris shutter speed
    - 1.2.3. Focus Adjust – System Focus control
      - 1.2.3.1. Mode – Select System or Manual
        - 1.2.3.1.1. Shutter
          - 1.2.3.1.1.1. ESC - Electronic Shutter Control – Auto controls incoming light.
            1. Min
            2. Max ----- Minimum and maximum shutter speeds for system
            3. Return
          - 1.2.3.1.1.2. Manual – User Defined Shutter settings (Slider Bar)
        - 1.2.3.1.2. Return – Return to previous menu
      - 1.2.4. Return – Return to previous menu
2. **Exposure** – Amount of Light allowed to fall onto the sensor
  - 2.1. Brightness – Adjust Image Brightness
  - 2.2. Shutter – Adjust Shutter settings
  - 2.3. AGC – Automatic Gain Control. This attempts to compensate for Low Lux conditions and reduce noise on the image.
  - 2.4. Sens-Up – Increases Camera light sensitivity
  - 2.5. Return – Return to previous menu
3. **White Balance** – Options for White Balancing Control
  - 3.1. ATW – Auto Tracing White Balance. The camera will constantly monitor light and adjust its colour to maintain white areas.
  - 3.2. Outdoor – Default Settings for external placement
  - 3.3. Indoor – Default Settings for Internal placement
  - 3.4. Manual – User defined White Balance
  - 3.5. AWC->Set – Use to Define White levels of image.
4. **SSDR** – Reduces signal Noise
  - 4.1. On -> Level – Adjust Noise reduction level
  - 4.2. Off – disabled
5. **Backlight** – Back Light Compensation types and options
  - 5.1. BLC – Back Light Compensation – Adjusts light levels in situations where light is behind an object allowing for greater detail.
    - 5.1.1. Level - Compensation Amount
    - 5.1.2. Top ----- These relate to image area

- 5.1.3. Bottom
- 5.1.4. Left
- 5.1.5. Right
- 5.2. HLC – Hard/Heavy Light Compensation – Blacks out bright light in order to increase image detail. Especially in Low Lux conditions
  - 5.2.1. Level – Compensation amount
  - 5.2.2. Limit – adjust maximum light masking
  - 5.2.3. Mask Colour – colour of mask (default black)
  - 5.2.4. Mask Tone – Tone of mask.
  - 5.2.5. Top --- These relate to image area
  - 5.2.6. Bottom
  - 5.2.7. Left
  - 5.2.8. Right
- 5.3. Off – Disable backlight adjustment
  
- 6. **DNR3** – Dynamic Noise Reduction
  - 6.1. On - Enabled
  - 6.2. Off – Disabled
  
- 7. **Day/Night** – Day Night crossover settings – Left / Right Adjustment
  - 7.1. Auto – Automatic Day/Night Control
    - 7.1.1. Burst Mode – Burst transmission
    - 7.1.2. Color-> B/W – Transition settings for Colour to Black and White
    - 7.1.3. Duration – Fast/Slow Speed of Crossover
    - 7.1.4. Dwell Time – Time before crossover starts
    - 7.1.5. B/W -> Colour – Transition Settings for Black and White to Colour
    - 7.1.6. Duration – Fast/Slow Speed of Crossover
    - 7.1.7. Dwell Time – Time Before Crossover starts
    - 7.1.8. Return – Return to previous menu
  - 7.2. External – External Day/Night Defaults
  - 7.3. Colour – Permanent Colour Mode
  - 7.4. B/W - Permanent Black and White mode.
    - 7.4.1. Burst Mode Burst Transmission
    - 7.4.2. Return – Return to previous menu
  
- 8. **Special** – Advanced functions settings
  - 8.1. Image Adjust – Adjust Camera Image
    - 8.1.1. V-Rev – Vertical Reverse
    - 8.1.2. H-Rev – Horizontal Reverse
    - 8.1.3. D-Zoom – Digital Zoom
    - 8.1.4. Dis – Automatic Distance Adjustment
    - 8.1.5. Font Colour – Colour of Camera text
    - 8.1.6. Sharpness – Sharpness of camera image
    - 8.1.7. Return – Return to previous menu

- 8.2. Monitor – Select Camera output for Monitor Type
    - 8.2.1.LCD – LCD Image defaults
    - 8.2.2.USER – User Defined Settings (slider bar)
    - 8.2.3.CRT – CRT image defaults
  - 8.3. Cam Title – Camera Title
    - 8.3.1.Off - Disabled
    - 8.3.2.On – Enabled (Alpha numeric menu pop up to select title using Joystick)
  - 8.4. Sync – Relates to camera synchronisation (set to Internal)
  - 8.5. Motion Detection – Built in Motion Detection Settings
    - 8.5.1.Off – Disabled - Default
    - 8.5.2.On - Enabled
      - 8.5.2.1. Area - Motion Detect Area
      - 8.5.2.2. Sensitivity – Sensitivity of Detection
      - 8.5.2.3. Area Mod
      - 8.5.2.4. Select Pos Select Position
      - 8.5.2.5. X Pos - Horizontal Adjust
      - 8.5.2.6. Y Pos - Vertical Adjust
      - 8.5.2.7. Fill->Set – Fill and Set a motion detection area.
      - 8.5.2.8. Return – Return to previous menu
  - 8.6. Privacy – Built in Privacy masking
    - 8.6.1.Off – Disabled - Default
    - 8.6.2.On - Enabled
      - 8.6.2.1. Area – Masking Area
      - 8.6.2.2. Mode – Masking Type
      - 8.6.2.3. Mask Colour – Mask Colour
      - 8.6.2.4. Mask Tone – Colour Tone
      - 8.6.2.5. Top ---- Adjust Masking Area
      - 8.6.2.6. Bottom
      - 8.6.2.7. Left
      - 8.6.2.8. Right
      - 8.6.2.9.
  - 8.7. Comm Adjust – Communications Adjust
    - 8.7.1.Cam ID – Camera ID number
    - 8.7.2.Baud Rate – Adjust Camera Baud Rate
    - 8.7.3.UART Mode – Universal Asynchronous Receiver/Transmitter. Used for serial data transmission
    - 8.7.4.RET PKT – Return Packet. Related to data transmission.
    - 8.7.5.Disp ID – Dispatch ID. Related to data transmission.
    - 8.7.6.Protocol – Adjust Camera Protocol
  - 8.8. Language – Set Menu Language
  - 8.9. Return – Return to previous menu
- 9. EXIT -> SAVE**