FORM 1
Private Declare Function capCreateCaptureWindow Lib "avicap32.dll" Alias "capCreateCaptureWindowA" (ByVal lpszWindowName As String, ByVal dwStyle As Long, ByVal x As Long, ByVal y As Long, ByVal nWidth As Long, ByVal nHeight As Long, ByVal hwndParent As Long, ByVal nID As Long) As Long
Dim zoomSize As Single
Private Sub Command1_Click()
Picture2.Picture = Picture1.Picture
End Sub
Private Sub Command2_Click()
STARTCAM
Load Progress
Progress.Show
Progress.start
Unload Progress
Command2.Enabled = False
Command3.Enabled = True
Picture1.AutoRedraw = True
Picture2.AutoRedraw = True
Timer1.Enabled = True
Timer2.Enabled = True

End Sub

Private Sub Command3_Click()
  STOPCAM
  ProgressBar1.Value = 0
  Command3.Enabled = False
  Command2.Enabled = True
  Picture1.Picture = LoadPicture("nosignal.bmp")
  Picture2.Picture = LoadPicture("nosignal.bmp")
  Picture3.Picture = LoadPicture("nosignal.bmp")
  Label1.Caption = "0%"
End Sub

Private Sub Command4_Click()
  List1.Clear
End Sub

Private Sub Form_Load()

  Picture1.Width = 320 * Screen.TwipsPerPixelX
  Picture1.Height = 240 * Screen.TwipsPerPixelY
  Picture2.Width = 320 * Screen.TwipsPerPixelX
  Picture2.Height = 240 * Screen.TwipsPerPixelY

  Picture1.Picture = LoadPicture("nosignal.bmp")

A-2
Private Function Different(ByVal a As Long, ByVal b As Long) As Boolean
    ar = a Mod 256: a = a \ 256
    ag = a Mod 256: a = a \ 256
    ab = a Mod 256: a = a \ 256

    br = b Mod 256: b = b \ 256
    bg = b Mod 256: b = b \ 256
    bb = b Mod 256: b = b \ 256

    sense = 255 - Slider1.Value * 5

    Different = (Sqr((ar - br) * (ar - br) + (ag - bg) * (ag - bg) + (ab - bb) * (ab - bb)) > sense) 'rumus menghitung perbedaan intensitas RGB
End Function

Private Sub Form_Unload(Cancel As Integer)
    STOPCAM
    SaveSetting "MotionDetect", "Param", "s1", Str(Slider1.Value)
    SaveSetting "MotionDetect", "Param", "s2", Str(Slider2.Value)
End Sub

Private Sub Timer1_Timer()
    SendMessage mCapHwnd, GET_FRAME, 0, 0
SendMessage mCapHwnd, COPY, 0, 0
Picture1.Picture = Clipboard.GetData: Clipboard.Clear

stepp = 3

Dim qan, qann As Long
qan = 0
qann = 0

For i = 1 To Picture1.Width / Screen.TwipsPerPixelX Step stepp
    For j = 1 To Picture1.Height / Screen.TwipsPerPixelY Step stepp
        If Different(Picture1.Point(i * stepp * Screen.TwipsPerPixelX, j * stepp * Screen.TwipsPerPixelY), Picture2.Point(Screen.TwipsPerPixelX * i * stepp, j * stepp * Screen.TwipsPerPixelY)) Then
            Picture1.Circle (i * stepp * Screen.TwipsPerPixelX, Screen.TwipsPerPixelY * j * stepp), 1, RGB(255, 0, 0)
            qann = qann + 1
        End If
    Next
Next
Label1.Caption = Int(qann * 100 / 910) & "%"
ProgressBar1.Value = Int(qann * 100 / 910)
End Sub

Sub STOPCAM()
DoEvents: SendMessage mCapHwnd, DISCONNECT, 0, 0
Timer1.Enabled = False
Timer2.Enabled = False
End Sub

Sub STARTCAM()

mCapHwnd = capCreateCaptureWindow("WebcamCapture", 0, 0, 0, 320, 240, Me hWnd, 0)
DoEvents
SendMessage mCapHwnd, CONNECT, 0, 0
SendMessage mCapHwnd, WM_CAP_DLGL_VIDEOFORMAT, 0, 0
DoEvents
Slider1.Value = GetSetting("MotionDetect", "Param", "s1", "0")
Slider2.Value = GetSetting("MotionDetect", "Param", "s2", "0")

End Sub

Private Sub Timer2_Timer()
If ProgressBar1.Value > 100 - Slider2.Value * 2 Then
    Beep
    List1.AddItem "Saved in " + Str(time) + " " + Str(ProgressBar1.Value) + "% --> " + Format(Date, "ddmmyyyy") + "__" + Format(time, "hhmss") + ".jpg"
    compress
End If
End Sub

Private Function compress()
Picture3.Visible = True
Image1.Picture = Picture1.Picture
   zoomSize = 0.2
   ZoomIt
End Function

Private Function ZoomIt()
   Picture3.Width = Image1.Width * zoomSize
   Picture3.Height = Image1.Height * zoomSize
   Picture3.Cls
   Picture3.PaintPicture Image1.Picture, 0, 0, Picture3.Width, Picture3.Height
   SavePicture Picture3.Image, App.Path + "\Detected\" + Format(Date, "ddmmyyyy") + "__" + Format(time, "hhmmss") + ".jpg"
   SavePicture Picture3.Image, App.Path + "Detect.jpg"
   Form2.smil
   Send
End Function

Private Function Send()
MSComm1.CommPort = 1
MSComm1.InputLen = 0
MSComm1.PortOpen = True
MSComm1.Output = "ATI" & Chr$(13)
Delay
Do
   DoEvents
   Buffer$ = Buffer$ & MSComm1.Input
Loop Until InStr(Buffer$, "OK" & vbCrLf)
MSComm1.Output = "AT+CGATT=0" & Chr$(13)
Delay
Do
DoEvents
Buffer$ = Buffer$ & MSComm1.Input
Loop Until InStr(Buffer$, "OK" & vbCrLf)

MSComm1.Output = "AT+CSTT=" & Chr$(34) & "www.indosat-m3.net" & Chr$(34) & "," & Chr$(34) & "gprs" & Chr$(34) & ",," & Chr$(34) & "im3" & Chr$(34) & Chr$(13)
Delay
Do
DoEvents
Buffer$ = Buffer$ & MSComm1.Input
Loop Until InStr(Buffer$, "OK" & vbCrLf)

MSComm1.Output = "AT+CIICR" & Chr$(13)
Delay2
Do
DoEvents
Buffer$ = Buffer$ & MSComm1.Input
Loop Until InStr(Buffer$, "OK" & vbCrLf)

MSComm1.Output = "AT+CLPORT=" & Chr$(34) & "TCP" & Chr$(34) & "," & Chr$(34) & "80" & Chr$(34) & Chr$(13)
Delay2
Do
DoEvents
Buffer$ = Buffer$ & MSComm1.Input
Loop Until InStr(Buffer$, "OK" & vbCrLf)

MSComm1.Output = "AT+CIFSR" & Chr$(13)
Delay

MSComm1.Output = "AT+CIPSTART=", Chr$(34) & "TCP" & Chr$(34) & "," & Chr$(34) & "10.19.19.19" & Chr$(34) & "," & Chr$(34) & "8081" & Chr$(34) & Chr$(13)
Delay2
Do
DoEvents
Buffer$ = Buffer$ & MSComm1.Input
Loop Until InStr(Buffer$, "OK" & vbCrLf)

MSComm1.Output = "AT+CIPSEND" & Chr$(13)
Delay
Do
DoEvents
Buffer$ = Buffer$ & MSComm1.Input
Loop Until InStr(Buffer$, vbCrLf)

OpenFile.FileName = "D:\abc.mms"
Temp$ = OpenFile.FileName
hsend = FreeFile
  Open Temp$ For Binary Access Read As hsend
MSComm1.Output = Temp$
Delay2

MSComm1.Output = Chr$(26)
Delay2

MSComm1.Output = "AT+CIPCLOSE" & Chr$(13)
Delay2

MSComm1.Output = "AT+CIPSHUT" & Chr$(13)
Delay2
Do
DoEvents
Buffer$ = Buffer$ & MSComm1.Input
Loop Until InStr(Buffer$, "SHUT OK" & vbCrLf)

End Function

Public Function Delay()
Dim time As Single
Do
DoEvents
time = time + 1
Loop Until time = 750000
End Function

Public Function Delay2()
Dim time As Single
Do
DoEvents

time = time + 1

Loop Until time = 2500000

End Function

FORM 2

Private Declare Function ShellExecute Lib "shell32.dll" Alias "ShellExecuteA" (ByVal hw As Long, ByVal lpOperation As String, ByVal lpFile As String, ByVal lpParameters As String, ByVal lpDirectory As String, ByVal nShowCmd As Long) As Long

Public Sub smil()
    Timer1.Interval = 1000
    Timer1.Enabled = True
End Sub

Private Sub Timer1_Timer()
    Timer1.Enabled = False
    Beep
    Beep

    Call ShellExecute(hw, "Open", Program.Text, ",", App.Path, 1)
End Sub
FORM PROGRESS
Public Sub start()
For i = 1 To 15
    DoEvents
    SendMessage mCapHwnd, GET_FRAME, 0, 0
    SendMessage mCapHwnd, COPY, 0, 0
    DoEvents
    ProgressBar1.Value = ProgressBar1.Value + 1
Next
End Sub

Private Sub Form_Load()
    ProgressBar1.Value = 0
End Sub

MODULE CAM
Public Declare Function SendMessage Lib "USER32" Alias "SendMessageA" (ByVal hwnd As Long, ByVal wMsg As Long, ByVal wParam As Long, lParam As Any) As Long

Public mCapHwnd As Long
Public Const CONNECT As Long = 1034
Public Const DISCONNECT As Long = 1035
Public Const GET_FRAME As Long = 1084
Public Const COPY As Long = 1054
Public Const WM_CAP_SET_VIDEOFORMAT = &H400 + 45
Private Declare Function capCreateCaptureWindow Lib "avicap32.dll" Alias "capCreateCaptureWindowA" (ByVal lpszWindowName As String, ByVal dwStyle As Long, ByVal x As Long, ByVal y As Long, ByVal nWidth As Long, ByVal nHeight As Long, ByVal hwndParent As Long, ByVal nID As Long) As Long
Dim zoomSize As Single
Private Sub Command1_Click()
Picture2.Picture = Picture1.Picture
End Sub
Private Sub Command2_Click()
STARTCAM
Load Progress
Progress.Show
Progress.start
Unload Progress
Command2.Enabled = False
Command3.Enabled = True
Picture1.AutoRedraw = True
Picture2.AutoRedraw = True
Timer1.Enabled = True
Timer2.Enabled = True
End Sub

Private Sub Command3_Click()
    STOPCAM
    ProgressBar1.Value = 0
    Command3.Enabled = False
    Command2.Enabled = True
    Picture1.Picture = LoadPicture("nosignal.bmp")
    Picture2.Picture = LoadPicture("nosignal.bmp")
    Picture3.Picture = LoadPicture("nosignal.bmp")
    Label1.Caption = "0%"
End Sub

Private Sub Command4_Click()
    List1.Clear
End Sub

Private Sub Form_Load()
    Picture1.Width = 320 * Screen.TwipsPerPixelX
    Picture1.Height = 240 * Screen.TwipsPerPixelY
    Picture2.Width = 320 * Screen.TwipsPerPixelX
    Picture2.Height = 240 * Screen.TwipsPerPixelY
    Picture1.Picture = LoadPicture("nosignal.bmp")
    Picture2.Picture = LoadPicture("nosignal.bmp")
Private Function Different(ByVal a As Long, ByVal b As Long) As Boolean
    ar = a Mod 256: a = a \ 256
    ag = a Mod 256: a = a \ 256
    ab = a Mod 256: a = a \ 256
    br = b Mod 256: b = b \ 256
    bg = b Mod 256: b = b \ 256
    bb = b Mod 256: b = b \ 256
    sense = 255 - Slider1.Value * 5
    Different = (Sqr((ar - br) * (ar - br) + (ag - bg) * (ag - bg) + (ab - bb) * (ab - bb)) > sense) 'formula for counting different
End Function

Private Sub Form_Unload(Cancel As Integer)
    STOPCAM
    SaveSetting "MotionDetect", "Param", "s1", Str(Slider1.Value)
    SaveSetting "MotionDetect", "Param", "s2", Str(Slider2.Value)
End Sub

Private Sub MSComm1_OnComm()
End Sub
Private Sub Timer1_Timer()
SendMessage mCapHwnd, GET_FRAME, 0, 0
SendMessage mCapHwnd, COPY, 0, 0
Picture1.Picture = Clipboard.GetData: Clipboard.Clear

stepp = 3

Dim qan, qann As Long
qan = 0
qann = 0

For i = 1 To Picture1.Width / Screen.TwipsPerPixelX Step stepp
For j = 1 To Picture1.Height / Screen.TwipsPerPixelY Step stepp

    If Different(Picture1.Point(i * stepp * Screen.TwipsPerPixelX, j * stepp * Screen.TwipsPerPixelY), Picture2.Point(Screen.TwipsPerPixelX * i * stepp, j * stepp * Screen.TwipsPerPixelY)) Then
    Picture1.Circle (i * stepp * Screen.TwipsPerPixelX, Screen.TwipsPerPixelY * j * stepp), 1, RGB(255, 0, 0)
    qann = qann + 1
    End If

Next
Next

Label1.Caption = Int(qann * 100 / 910) & "%"
ProgressBar1.Value = Int(qann * 100 / 910)
End Sub

Sub STOPCAM()
    DoEvents: SendMessage mCapHwnd, DISCONNECT, 0, 0
    Timer1.Enabled = False
    Timer2.Enabled = False
End Sub

Sub STARTCAM()

    mCapHwnd = capCreateCaptureWindow("WebcamCapture", 0, 0, 0, 320, 240, Me hwnd, 0)
    DoEvents
    SendMessage mCapHwnd, CONNECT, 0, 0
    SendMessage mCapHwnd, WM_CAP_DLG_VIDEOFORMAT, 0, 0
    DoEvents
    Slider1.Value = GetSetting("MotionDetect", "Param", "s1", "0")
    Slider2.Value = GetSetting("MotionDetect", "Param", "s2", "0")

End Sub

Private Sub Timer2_Timer()
    If ProgressBar1.Value > 100 - Slider2.Value * 2 Then
        Beep
        List1.AddItem "Saved in " + Str(time) + " " + Str(ProgressBar1.Value) + "% --> " + Format(Date, "ddmmyyyy") + "__" + Format(time, "hhmss") + ".jpg"
        compress
    End If
End Sub

Private Function compress()
Picture3.Visible = True
Image1.Picture = Picture1.Picture
    zoomSize = 0.2
    ZoomIt
End Function

Private Function ZoomIt()
    Picture3.Width = Image1.Width * zoomSize
    Picture3.Height = Image1.Height * zoomSize
    Picture3.Cls
    Picture3.PaintPicture Image1.Picture, 0, 0, Picture3.Width, Picture3.Height
    SavePicture Picture3.Image, App.Path + "\Detected\" + Format(Date, "ddmmyyyy") + "_" + Format(time, "hhmss") + ".jpg"
    SavePicture Picture3.Image, App.Path + "Detect.jpg"
    Send
End Function

Private Function Send()
MSComm1.CommPort = 1
MSComm1.InputLen = 0
MSComm1.PortOpen = True
MSComm1.Output = "ATI" & Chr$(13)
Delay
Do
DoEvents
Buffer$ = Buffer$ & MSComm1.Input
Loop Until InStr(Buffer$, "OK" & vbCrLf)

MSComm1.Output = "AT+CGATT=0" & Chr$(13)
Delay
Do
DoEvents
Buffer$ = Buffer$ & MSComm1.Input
Loop Until InStr(Buffer$, "OK" & vbCrLf)

MSComm1.Output = "AT+CSTT=" & Chr$(34) & "www.indosat-m3.net" & Chr$(34) & "," & Chr$(34) & "gprs" & Chr$(34) & "," & Chr$(34) & "im3" & Chr$(34) & Chr$(13)
Delay
Do
DoEvents
Buffer$ = Buffer$ & MSComm1.Input
Loop Until InStr(Buffer$, "OK" & vbCrLf)

MSComm1.Output = "AT+CIICR" & Chr$(13)
Delay2
Do
DoEvents
Buffer$ = Buffer$ & MSComm1.Input
Loop Until InStr(Buffer$, "OK" & vbCrLf)

MSComm1.Output = "AT+CLPORT=" & Chr$(34) & "TCP" & Chr$(34) & "," & Chr$(34) & "80" & Chr$(34) & Chr$(13)
Delay2
Do
DoEvents
Buffer$ = Buffer$ & MSComm1.Input
Loop Until InStr(Buffer$, "OK" & vbCrLf)

MSComm1.Output = "AT+CIFSR" & Chr$(13)
Delay

MSComm1.Output = "AT+CIPSTART=" & Chr$(34) & "TCP" & Chr$(34) & "," & Chr$(34) & "202.127.108.179" & Chr$(34) & "," & Chr$(34) & "80" & Chr$(34) & Chr$(13)
Delay2
Do
DoEvents
Buffer$ = Buffer$ & MSComm1.Input
Loop Until InStr(Buffer$, "OK" & vbCrLf)

MSComm1.Output = "AT+CIPSEND" & Chr$(13)
Delay
Do
DoEvents
Buffer$ = Buffer$ & MSComm1.Input
Loop Until InStr(Buffer$, vbCrLf)

OpenFile.FileName = App.Path + "Detect.jpg"
Temp$ = OpenFile.FileName
hsend = FreeFile
Open Temp$ For Binary Access Read As hsend
MSComm1.Output = Temp$
Delay2

MSComm1.Output = Chr$(26)
Delay2

MSComm1.Output = "AT+CIPCLOSE" & Chr$(13)
Delay2

MSComm1.Output = "AT+CIPSHUT" & Chr$(13)
Delay2
Do
  DoEvents
  Buffer$ = Buffer$ & MSComm1.Input
Loop Until InStr(Buffer$, "SHUT OK" & vbCrLf)
End Function

Public Function Delay()
  Dim time As Single
  Do
    DoEvents
    time = time + 1
  Loop Until time = 750000
End Function

Public Function Delay2()
Dim time As Single
Do
DoEvents
    time = time + 1
Loop Until time = 2500000
End Function

**FORM PROGRESS**

Public Sub start()
For i = 1 To 15
    DoEvents
    SendMessage mCapHwnd, GET_FRAME, 0, 0
    SendMessage mCapHwnd, COPY, 0, 0
    DoEvents
    ProgressBar1.Value = ProgressBar1.Value + 1
Next
End Sub

Private Sub Form_Load()
    ProgressBar1.Value = 0
End Sub
MODULE CAM

Public Declare Function SendMessage Lib "USER32" Alias "SendMessageA"
(ByVal hwnd As Long, ByVal wMsg As Long, ByVal wParam As Long, lParam As Any) As Long

Public mCapHwnd As Long
Public Const CONNECT As Long = 1034
Public Const DISCONNECT As Long = 1035
Public Const GET_FRAME As Long = 1084
Public Const COPY As Long = 1054
Public Const WM_CAP_SET_VIDEOFORMAT = &H400 + 45
LAMPIRAN C
HASIL PENGUJIAN PENGIRIMAN MMS

3/9/2006 14:16:07.98 [RX] -
  ATI<CR>
  <CR><LF>
SIMCOM_Ltd<CR><LF>
SIMCOM_SIM100S<CR><LF>
Revision:SIM100S32(INTEL)_V04.0.8_BUILD07<CR><LF>
  <CR><LF>
OK<CR><LF>

3/9/2006 14:16:09.56 [RX] -
  AT+CGATT=0<CR>
  <CR><LF>
OK<CR><LF>

3/9/2006 14:16:11.64 [RX] -
  AT+CSTT="www.indosat-m3.net","gprs","im3"<CR>
  <CR><LF>
OK<CR><LF>

3/9/2006 14:16:13.06 [RX] -
  AT+CICR<CR>
  <CR><LF>
OK<CR><LF>

3/9/2006 14:16:20.03 [RX] -
  AT+CLPORT="TCP","80"<CR>
  <CR><LF>
OK<CR><LF>

  AT+CIFSR<CR>
  <CR><LF>
10.18.230.244<CR><LF>
AT+CGATT?<CR>
<CR><LF>
+CGATT: 1<CR><LF>
<CR><LF>
OK<CR><LF>
3/9/2006 14:16:32.15 [RX] -
AT+CIPSTART="TCP","10.19.19.19","8081"<CR>
<CR><LF>
OK<CR><LF>
<CR><LF>
CONNECT OK<CR><LF>
3/9/2006 14:16:35.50 [RX] -
AT+CIPSEND<CR>
<CR><LF>
CONNECT OK<CR><LF>
…<EOT>_D<DLE>_!<FS>_‰<FF>
€/TYPE=PLMN, †€"€Š€ˆ<ACK>_€<EOT>_D<DC2>_Ä<FS>_‡<ACK>_€
<EOT>_D<DLE>_!<FS>_‰,+628562048786/TYP...
The request failed

The request is not understood.

Technical description: 400 Bad Request - The request could not be understood by the proxy.